TV/VCR Combi **Tape Deck: Turbo Drive** **Delta 2000**

Service
Service
Service

14PVxxx

14PV100/01/07/58
14PV200/01
14PV211/01/07/39/58
14PV217/01/07/39
14PV330/01/07/39
14PV334/01/07/39
14PV335/01/07/39
14PV400/01/07/39/58
14PV404/01/07/39
14PV405/01/07/39/58
14PV406/01/07/39
21PV330/01/07/39/58
21PV700/07/39
21PV708/07/39
25PV808/07/39
37TVB51/39
51TVB61/39
37TR216/03/39
51TR226/03/39

Service Manual

Evolution: AA

(GB) For chapters 1 and 2 reference is made to the Service Manual of TVCR 99 Delta **3103 785 20010.**
The present Manual states only the differences.

(D) Für die Kapitel 1 und 2 siehe Service Manual TVCR 99 Delta **3103 785 20000.**
In dieser Dokumentation sind nur die Unterschiede enthalten.

(NL) Voor de hoofdstuk 1 en 2 wordt verwezen naar de Service Documentatie van de TVCR 99 Delta **3103 785 20030.**
Alleen de verschillen worden in deze documentatie gegeven.

(F) Pour ce qui est des chapitres 1 et 2 veuillez vous référer à la Documentation Service du TVCR 99 Delta **3103 785 20020.**
Cette documentation ne reprend que les différences.

(I) Per i capitoli 1 e 2 veda il Manuale di Servizio di TVCR 99 Delta **3103 785 20040.**
La presente documentazione contene soltanto le differenze.

(E) Para los capítolos 1 y 2 véase el manual de servicio de TVCR 99 Delta **3103 785 20050.**
La presente documentación contiene sólo las diferencias.

Safety regulations require that the set is restored to its original condition and that parts which are identical to those specified are used.

Survey of versions:

/01/03	PAL B/G (with VPS)
/05	PAL I UK
/07(mono)	PAL I Ireland
/07(stereo)	PAL/SECAM B/G,D/K,K1,I,L,L'
/39	PAL/SECAM B/G,D/K,K1,I,L,L'
/58	PAL/SECAM B/G,D/K
/75	PAL B/G,I

Remote control:

14PV100/01/07/58 37TVB51/39 51TVB61/39 37TR216/03/39 51TR226/03/39	RT711/201	8622 667 11201
14PV200/01 14PV211/01/07/39/58 14PV330/01/07/39 14PV334/01/07/39 21PV330/01/07/39/58	RT790/101	8622 667 90101
14PV217/01/07/39 14PV335/01/07/39	RT791/101	8622 667 91101
14PV400/01/07/39/58 14PV404/01/07/39	RT796/101	8622 667 96101
14PV405/01/07/39/58 14PV406/01/07/39	RT797/101	8622 667 97101
21PV700/07/39	RT795/101	8622 667 95101
21PV708/07/39 25PV808/07/39	RT798/101	8622 667 98101

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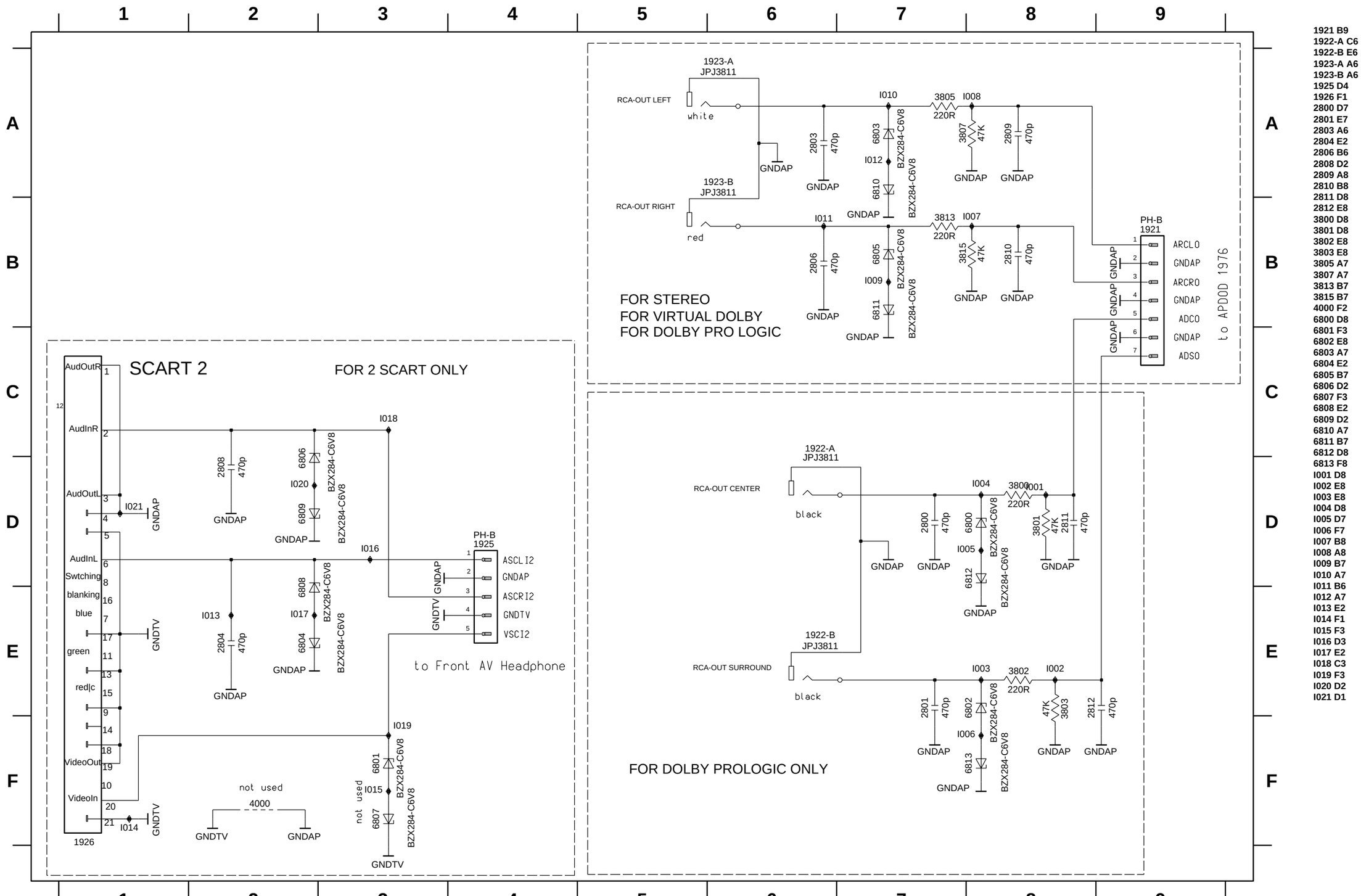
PHILIPS

3-32

Cinch Out, Scart 2 Board (DOSCD)



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Copper side 4-5
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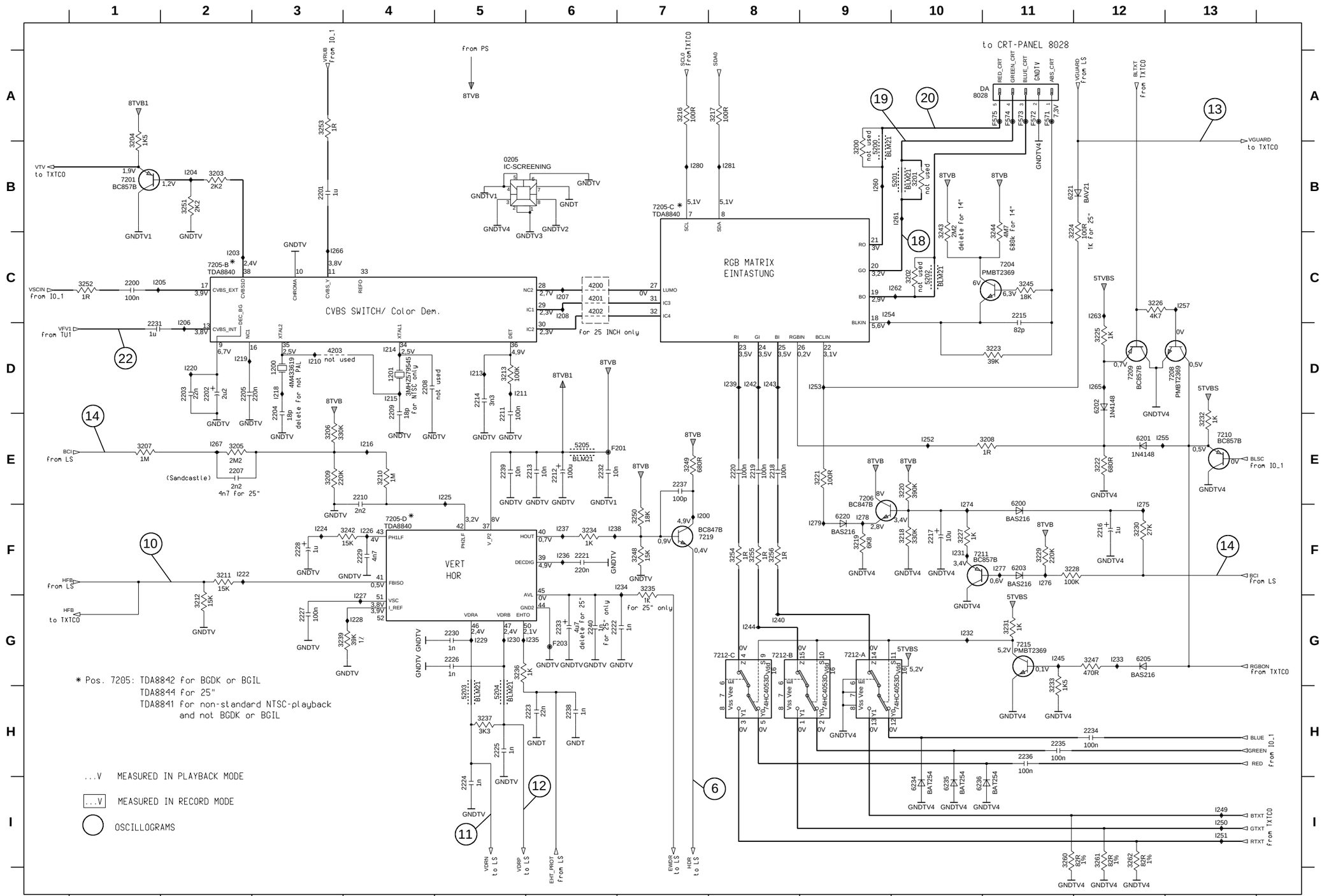
SURVEY OF SETS AND FEATURES

Specs / Products	14PV100/01	14PV100/07	14PV100/58	14PV200/01	14PV211/01	14PV211/07	14PV211/39	14PV211/58	14PV217/01	14PV217/07	14PV217/39	14PV330/01	14PV330/07	14PV330/39	14PV334/01	14PV334/07	14PV334/39	14PV335/01	14PV335/07	14PV335/39	14PV400/01	14PV400/07	14PV400/39	14PV400/58	14PV404/01	14PV404/07	14PV404/39	14PV405/01	14PV405/07	14PV405/39	14PV405/58	14PV406/01	14PV406/07	14PV406/39	21PV330/01	21PV330/07	21PV330/39	21PV330/58	21PV700/07	21PV700/39	21PV708/07	21PV708/39	25PV808/07	25PV808/39	37TR216/03	37TR216/39	37TVB51/39	51TR226/03	51TR226/39	51TVB61/39
General																																																	
HiFi																																							•	•	•	•	•	•						
Screen Size	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	14"	21"	21"	21"	21"	21"	21"	21"	21"	25"	25"	14"	14"	14"	20"	20"	20"
Backup Presets, Timer 1year	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Backup Clock, Calendar 30 min.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Reception																																																	
Number of presets	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Number of Tuners	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2
PAL B/G	•		•	•	•		•	•	•		•	•		•	•		•	•		•	•		•	•	•		•	•		•	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
PAL D/K			•					•																•						•								•	•	•	•	•	•						
PAL I		•				•	•			•	•		•	•		•	•		•	•		•	•		•	•			•	•			•	•			•	•	•	•	•	•			•	•		•	•
SECAM B/G			•				•	•			•			•			•			•			•	•			•			•	•						•	•	•	•	•	•			•	•		•	•
SECAM D/K			•					•																•						•								•	•	•	•	•	•						
SECAM K1																																							•	•	•	•	•	•						
SECAM L							•				•			•			•			•			•				•			•								•	•	•	•	•	•			•	•		•	•
SECAM L1							•				•			•			•			•			•				•			•								•	•	•	•	•	•			•	•		•	•
NTSC 3.58 External Input																																			•	•	•	•	•	•	•	•	•	•						
Sound Systems																																							•	•	•	•	•	•						
German Stereo																																							•	•	•	•	•	•						
NICAM																																							•	•	•	•	•	•						
Picture - Processing																																																	
Manual Wide Screen Switching																																			•	•	•	•	•	•	•	•	•	•						
Smart Pict. 4 Modes																																			•	•	•	•	•	•	•	•	•	•						
Sound																																																	
Music Power Output (Watts)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	20	20	20	20	20	20	3	3	3	5	5	5
Dolby Virtual																																											•	•						
Incredible Surround																																							•	•	•	•								
Number of Speakers	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
Balance																																							•	•	•	•	•	•						
Bass																																							•	•	•	•	•	•						
Treble																																							•	•	•	•	•	•						
Loudness																																							•	•	•	•	•	•						
Smart Sound 4 Modes																																			•	•	•	•	•	•	•	•	•	•						
Special Features																																																	
Child Lock	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VCR1/VCR2																																			•	•	•	•	•	•	•	•	•	•						
Hotel mode	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Program List				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•
Tuning/Install Features																																																	
Auto Channel Install (ACI)				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Auto Install						•				•			•			•			•			•				•			•				•			•			•			•								
Auto Store +	•	•	•																																										•	•	•	•	•	•
Smart Clock, Date Download				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•
Connectors																																																	
Scart 2																																							•	•	•	•	•	•						
Cinch stereo out																																							•	•	•	•	•	•						
Cinch CVBS in					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Cinch audio in					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Headphone Out				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Teletext Standard																																																	
World Standard Text FLOF				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
WST TOP																																			•	•	•	•	•	•	•	•	•	•						
Teletext 1 page memory				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•														•	•	•
Teletext 10 page memory																																			•	•	•	•	•	•	•	•	•	•						
Built in Radio																					•	•	•	•	•	•	•	•	•	•	•	•	•	•																
Tape Deck																																																	
Number of Video Heads	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	2	2	2	2	2	2
Number of FM Audio Heads																																							2	2	2	2	2	2						
Automatic tape length recognition												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Crystal Clear Video					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Digital Studio Picture Control	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Winding Time (E180 in sec.)	260	260	260	260	260	260	260	260	260	260	260	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	260	260	260	260	260	260
Rewind Time (E180 in sec.)	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	170	170	170	170	170	170
Tape Counter																																																	
Linear relative	•	•	•	•	•	•	•	•	•	•	•																																						
Linear time used/left												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Non linear NTSC Pb	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Rec/Pb Standard																																																	
MESECAM			•				•	•			•			•			•			•			•	•			•			•	•			•				•	•	•	•	•	•		•	•		•	•
PAL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SECAM							•				•			•			•			•			•				•			•				•				•	•	•	•	•	•		•	•		•	•
NTSC (non-stand. Pb in colour)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Programming System																																																	
Showview/VideoPlus+					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
VPS/PDC, Netname Download				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•
VPT/TXT Programming												•	•		•	•		•	•		•	•		•	•	•		•	•		•	•	•						•	•	•	•	•	•						
One-Touch-SAT-Rec (Record Prepared)																																			•	•	•	•	•	•	•	•	•	•						

3-10

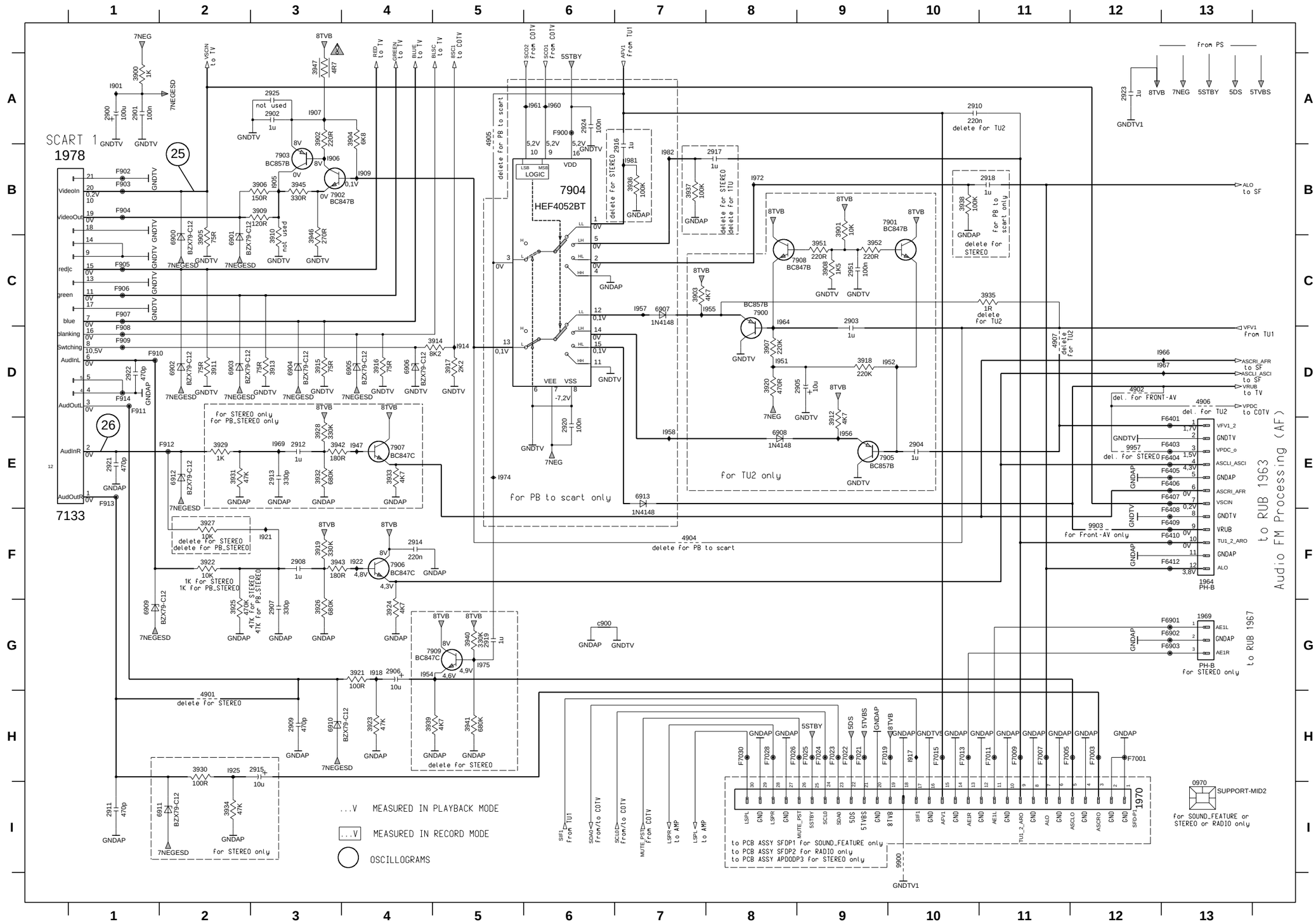
TV-Processing (TV) - TV Board (TVB)



Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0205 B5 6234 I10
1200 D3 6235 I10
1201 D4 6236 I10
2200 C1 7201 B1
2201 B3 7204 C11
2202 D2 7205-B C2
2203 D2 7205-C B7
2204 D3 7205-D F4
2205 D2 7206 E9
2207 E2 7208 D13
2208 D4 7209 D12
2209 D4 7210 E13
2210 E4 7211 F11
2211 E5 7212-A G9
2212 E6 7212-B G8
2213 E6 7212-C G8
2214 D5 7215 G11
2215 C11 7219 F7
2216 F12 8028 A11
2217 F10 F201 E7
2218 E8 F203 G6
2219 E8 F571 A11
2220 E8 F572 A11
2221 F6 F573 A11
2222 G6 F574 A11
2223 H6 F575 A11
2224 I5 I200 F7
2225 H5 I203 C2
2226 G5 I204 B2
2227 G3 I205 C1
2228 F3 I206 C2
2229 F4 I207 C6
2230 G5 I208 C6
2231 D1 I210 D3
2232 E6 I211 D5
2233 G6 I213 D5
2234 H12 I214 D4
2235 H11 I215 D4
2236 H11 I216 E4
2237 E7 I218 D3
2238 H6 I219 D2
2239 E5 I220 D2
2240 G6 I222 F2
3200 B9 I224 F3
3201 B10 I225 E5
3202 C10 I226 F4
3203 B2 I227 G4
3204 A1 I228 G4
3205 E2 I229 G5
3206 E3 I230 G5
3207 E1 I231 F10
3208 E11 I232 G10
3209 E3 I233 G12
3210 E4 I234 F7
3211 F2 I235 G6
3212 G2 I236 F6
3213 D5 I237 F6
3216 A7 I238 F6
3217 A8 I239 D8
3218 F10 I240 G8
3219 F9 I242 D8
3220 E10 I243 D8
3221 E9 I244 G8
3222 E12 I245 G11
3223 D11 I249 I13
3224 B11 I250 I13
3225 D12 I251 I13
3226 C12 I252 E10
3227 F10 I253 D9
3228 F11 I254 C9
3229 F11 I255 E12
3230 F12 I257 C13
3231 G11 I260 B9
3232 E13 I261 B10
3233 G11 I262 C10
3234 F6 I263 C12
3235 F7 I265 D12
3236 G5 I266 C3
3237 H5 I267 E2
3239 G3 I274 E10
3242 F4 I275 E12
3243 B10 I276 F11
3244 B11 I277 F11
3245 C11 I278 F9
3247 G12 I279 F9
3248 F7 I280 B7
3249 E7 I281 B8
3250 F7
3251 B2
3252 C1
3253 A3
3254 F8
3255 F8
3256 F8
3260 I11
3261 I12
3262 I12
4200 C6
4201 C6
4202 C6
4203 D3
5200 B9
5201 B10
5202 C10
5203 H5
5204 H5
5205 E6
6200 F11
6201 E12
6202 D12
6203 F11
6205 G12
6220 F9
6221 B11

Input/Output (IO_1) - TV Board (TVB)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0970 I13
1964 F13
1969 G13
1970 I12
1978 B1
2900 A1
2901 A1
2902 A3
2903 C9
2904 E10
2905 D9
2906 G4
2907 G3
2908 F3
2909 H3
2910 A10
2911 I1
2912 E3
2913 E3
2914 F4
2915 H3
2916 B7
2917 B8
2918 B11
2919 G5
2920 E6
2921 E1
2922 D1
2923 A12
2924 A6
2925 A3
2951 C9
3900 A1
3901 B9
3902 A3
3903 C7
3904 A4
3905 C2
3906 B3
3907 D8
3908 C9
3909 B3
3910 C3
3911 D2
3912 E9
3913 D3
3914 D5
3915 D3
3916 D4
3917 D5
3918 D9
3919 F3
3920 D8
3921 G4
3922 F2
3923 H4
3924 G4
3925 G2
3926 G3
3927 F2
3928 E3
3929 E2
3930 H2
3931 E2
3932 E3
3933 E4
3934 I2
3935 C11
3936 B7
3937 B7
3938 B10
3939 H4
3940 G5
3941 H5
3942 E3
3943 F3
3945 B3
3946 C3
3947 A3
3951 C9
3952 C9
4901 H2
4902 D12
4904 F7
4905 A5
4906 D13
4907 D11
6900 C2
6901 C2
6902 D2
6903 D2
6904 D3
6905 D4
6906 D4
6907 C7
6908 E8
6909 G1
6910 H3
6911 I2
6912 E2
6913 E7
7900 C8
7901 B10
7902 B4
7903 B3
7904 B6
7905 E10
7906 F4
7907 E4
7908 C8
7909 G5
9900 I10
9903 F12
9957 E12
F6401 E13
F6403 E13
F6404 E13
F6405 E13
F6406 E13
F6407 E13
F6408 F13
F6409 F13
F6410 F13
F6412 F13
F6901 G13
F6902 G13
F6903 G13
F7001 H12
F7003 H12
F7005 H11
F7007 H11
F7009 H11
F7011 H11
F7013 H10
F7015 H10
F7019 H9
F7021 H9
F7022 H9
F7023 H9
F7024 H9
F7025 H9
F7026 H8
F7028 H8
F7030 H8
F900 A6
F902 B1
F903 B1
F904 B1
F905 C1
F906 C1
F907 C1
F908 D1
F909 D1
F910 D1
F911 D1
F912 E2
F913 E1
F914 D1
I901 A1
I905 B3
I906 B3
I907 A3
I909 B4
I914 D5
I917 H10
I918 G4
I921 F3
I922 F4
I925 H2
I947 E4
I951 D8
I952 D10
I954 G4
I955 C8
I956 E9
I957 C7
I958 E7
I960 A6
I961 A6
I964 C8
I966 D13
I967 D13
I969 E3
I972 B8
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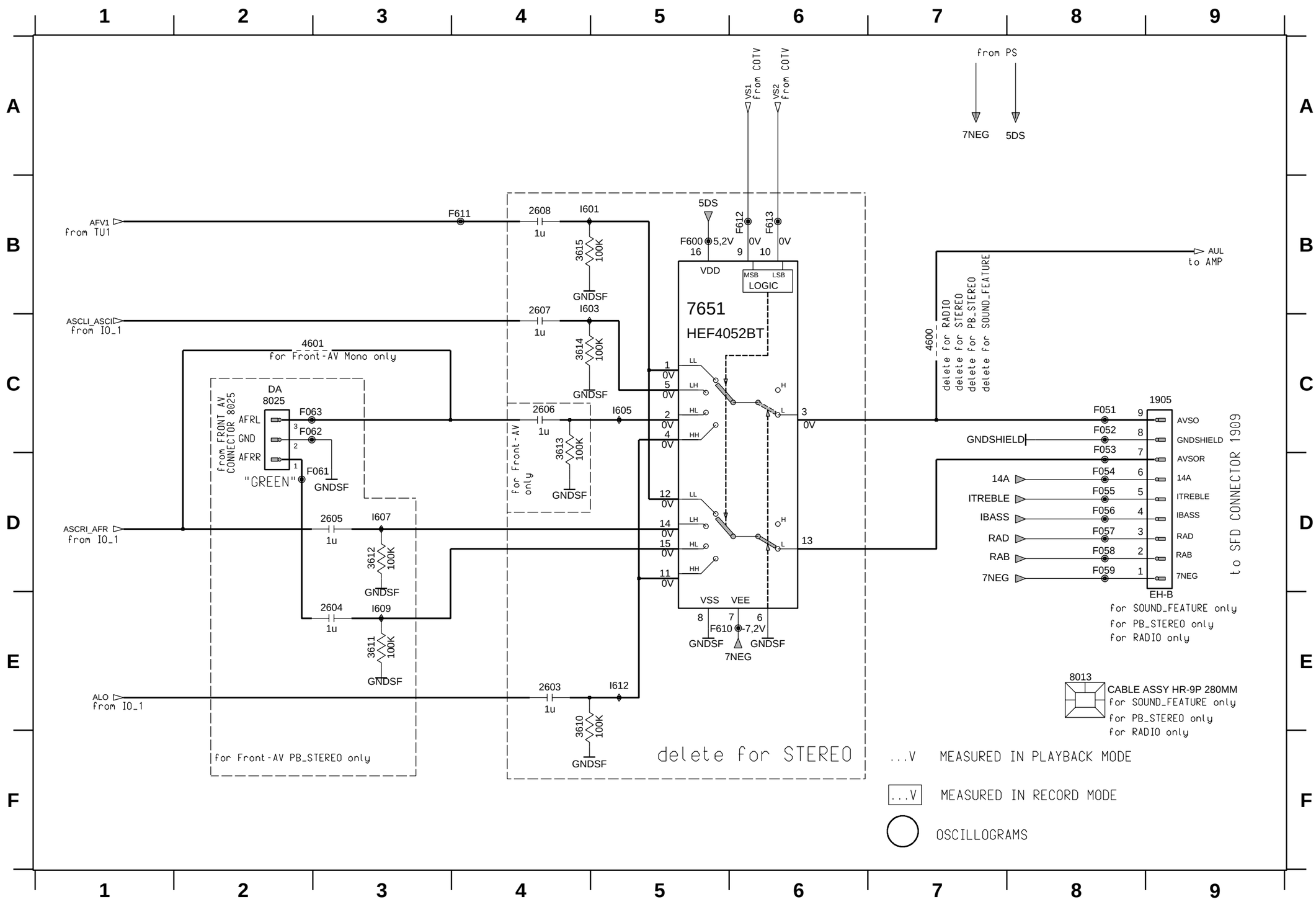
I981 B7
I982 B7
c900 G6

3-12

View Selector Audio (SF) - TV Board (TVB)



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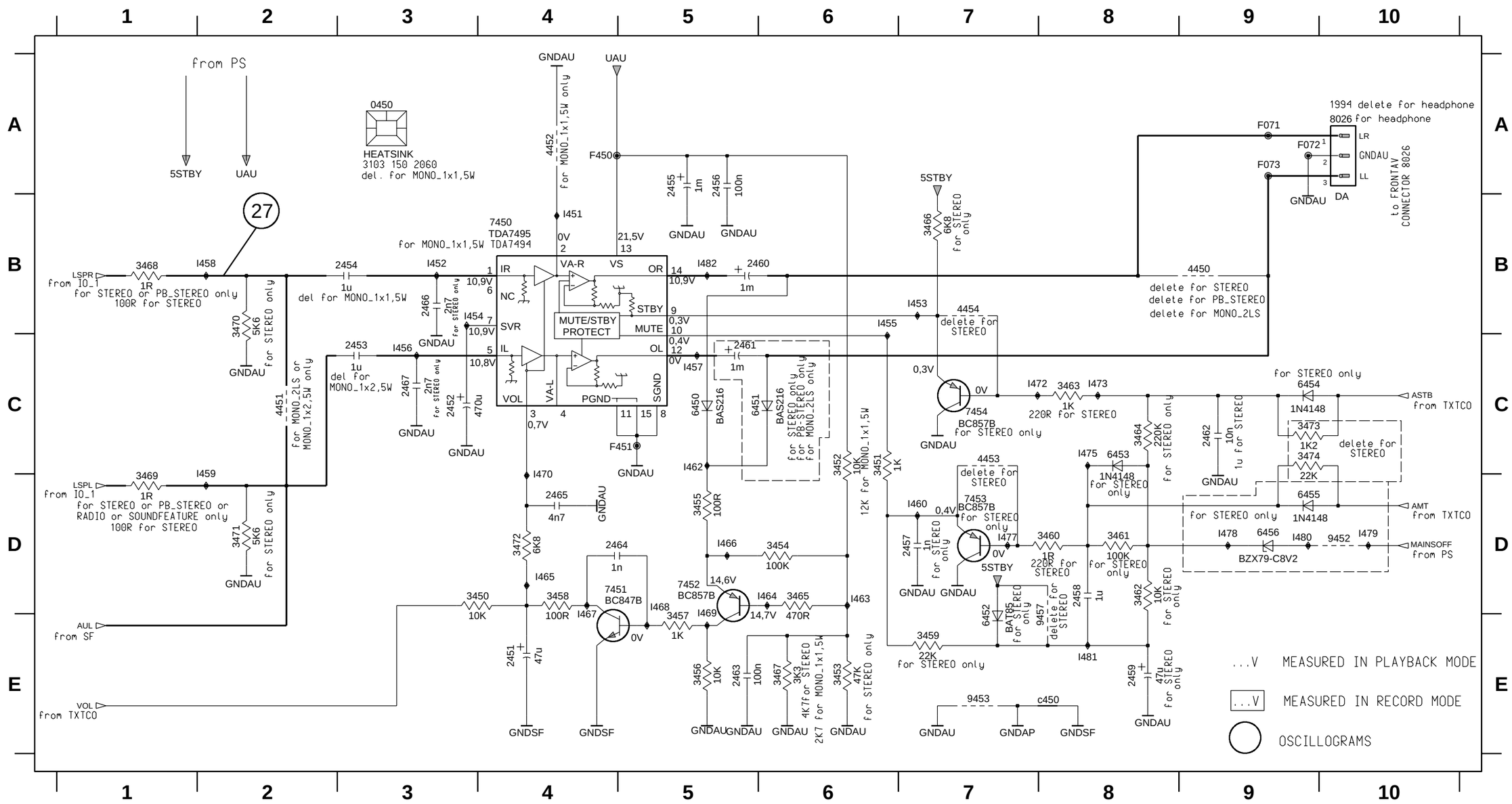
2604 E3
2605 D3
2606 C4
2607 B4
2608 B4
3610 E4
3611 E3
3612 D3
3613 C4
3614 C4
3615 B4
4600 C7
4601 C2
7651 C5
8013 E8
8025 C2
F051 C8
F052 C8
F053 C8
F054 D8
F055 D8
F056 D8
F057 D8
F058 D8
F059 D8
F061 D3
F062 C2
F063 C2
F600 B5
F610 E5
F611 B4
F612 B6
F613 B6
I601 B4
I603 B4
I605 C5
I607 D3
I609 E3
I612 E5

Interconnections

Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Amplifier (AMP) - TV Board (TVB)

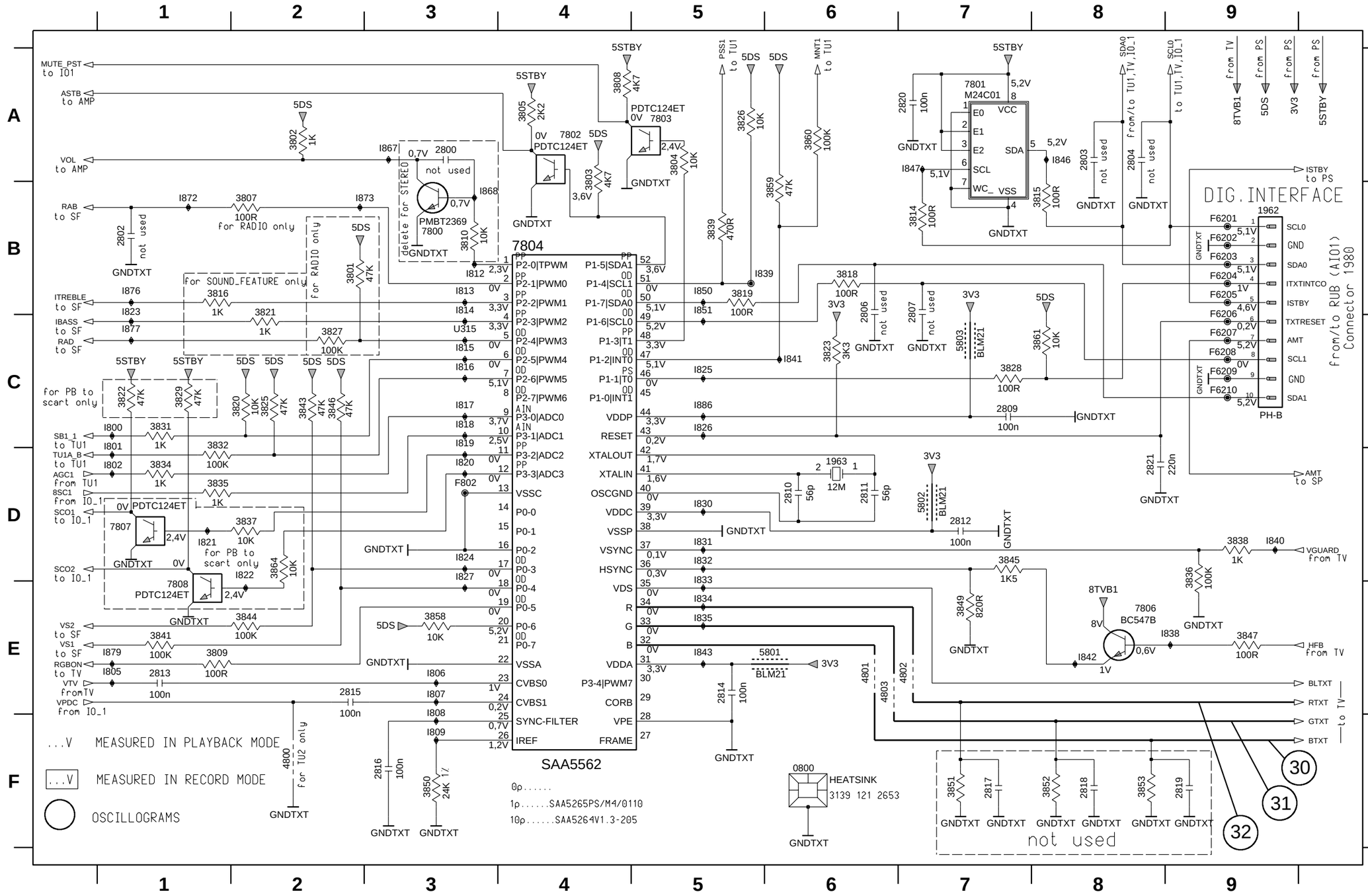
0450 A3	2455 A5	2460 B5	2465 D4	3452 C6	3457 E5	3462 D8	3467 E6	3472 D4	4452 A4	6452 E7	7450 B4	8026 A10	F072 A9	I452 B3	I457 C5	I463 D6	I468 D5	I475 C8	I481 E8
2451 E4	2456 A5	2461 C5	2466 B3	3453 E6	3458 D4	3463 C8	3468 B1	3473 C9	4453 C7	6453 C8	7451 D5	9452 D10	F073 A9	I453 B7	I458 B2	I464 D6	I469 D5	I477 D7	I482 B5
2452 C3	2457 D7	2462 C9	2467 C3	3454 D6	3459 E7	3464 C8	3469 D1	3474 C9	4454 B7	6454 C9	7452 D5	9453 E7	F450 A4	I454 B3	I459 C2	I465 D4	I470 C4	I478 D9	c450 E8
2453 C3	2458 D8	2463 E5	3450 D3	3455 D5	3460 D8	3465 D6	3470 B2	4450 B9	6450 C5	6455 D9	7453 D7	9457 E8	F451 C5	I455 B6	I460 D7	I466 D5	I472 C7	I479 D10	
2454 B3	2459 E8	2464 D4	3451 C6	3456 E5	3461 D8	3466 B7	3471 D2	4451 C2	6451 C6	6456 D9	7454 C7	F071 A9	I451 B4	I456 C3	I462 C5	I467 D4	I473 C8	I480 D9	



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

3-14

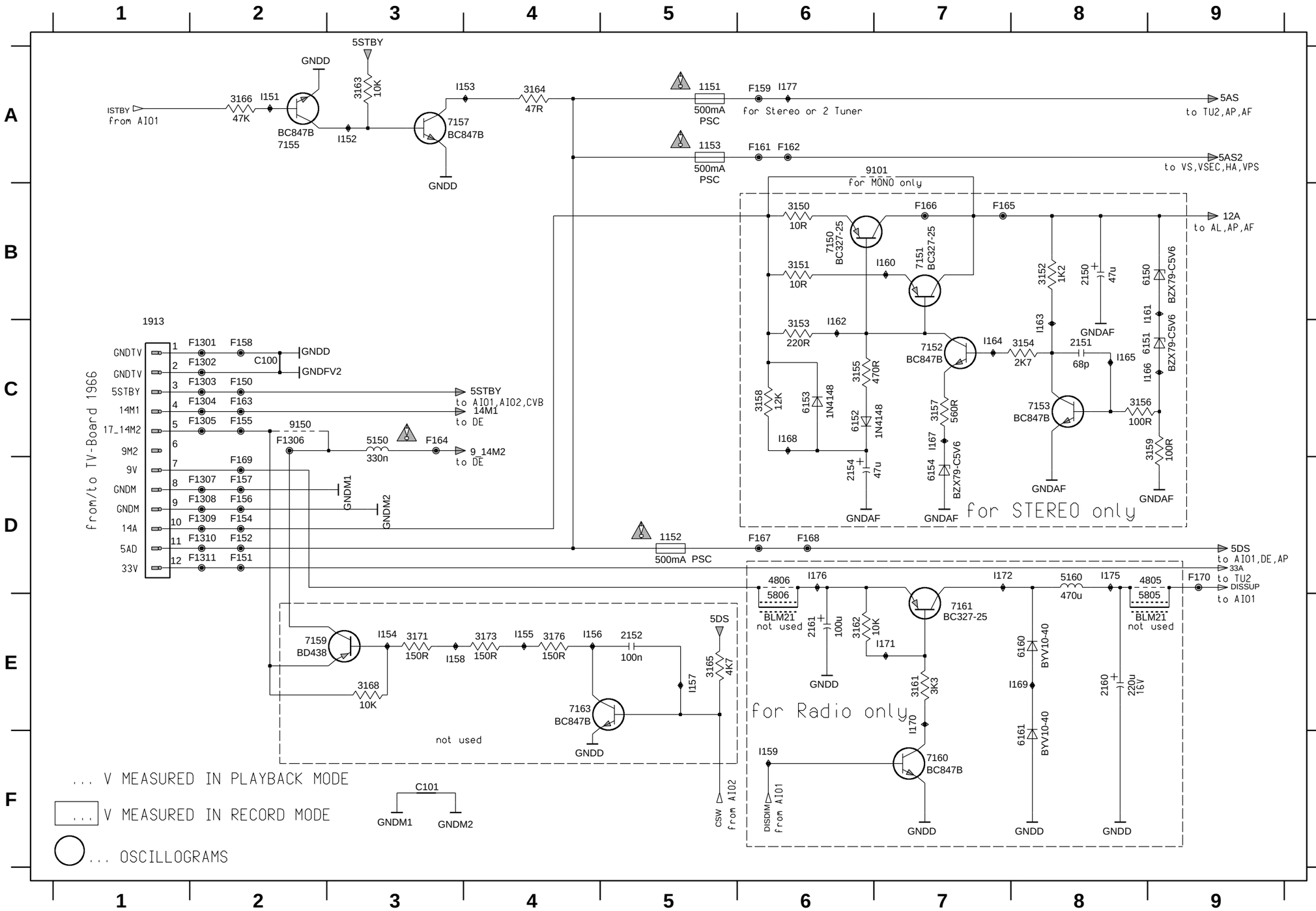
Teletext Controller (COTV) - TV Board (TVB)



	Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0800 F6 F6206 C9
1962 B9 F6207 C9
1963 D6 F6208 C9
2800 A3 F6209 C9
2802 B1 F6210 C9
2803 B8 F802 D3
2804 B8 I800 C1
2806 B6 I801 C1
2807 B7 I802 D1
2809 C7 I805 E1
2810 D6 I806 E3
2811 D6 I807 E3
2812 D7 I808 E3
2813 E1 I809 F3
2814 E5 I812 B3
2815 E2 I813 B3
2816 F3 I814 B3
2817 F7 I815 C3
2818 F8 I816 C3
2819 F9 I817 C3
2820 A7 I818 C3
2821 D8 I819 C3
3801 B2 I820 D3
3802 A2 I821 D1
3803 A4 I822 E2
3804 A5 I823 B1
3805 A4 I824 D3
3807 B2 I825 C5
3808 A4 I826 C5
3809 E1 I827 D3
3810 B3 I830 D5
3814 B7 I831 D5
3815 B8 I832 D5
3816 B1 I833 D5
3818 B6 I834 E5
3819 B5 I835 E5
3820 C2 I838 E9
3821 C2 I839 B5
3822 C1 I840 D9
3823 C6 I841 C6
3825 C2 I842 E8
3826 A5 I843 E5
3827 C2 I846 A8
3828 C7 I847 A7
3829 C1 I850 B5
3831 C1 I851 B5
3832 D1 I867 A3
3834 D1 I868 B3
3835 D1 I872 B1
3836 D9 I873 B3
3837 D2 I876 B1
3838 D9 I877 C1
3839 B5 I879 E1
3841 E1 I886 C5
3843 C2 U315 C3
3844 E2
3845 D7
3846 C2
3847 E9
3849 E7
3850 F3
3851 F7
3852 F8
3853 F8
3858 E3
3859 B6
3860 A6
3861 C8
3864 D2
4800 F2
4801 E6
4802 E7
4803 E6
5801 E6
5802 D7
5803 C7
7800 B3
7801 A7
7802 A4
7803 A5
7804 B4
7806 E8
7807 D1
7808 E1
F6201 B9
F6202 B9
F6203 B9
F6204 B9
F6205 B9

Power Supply (PS) - Recorder Unit Board (RUB)

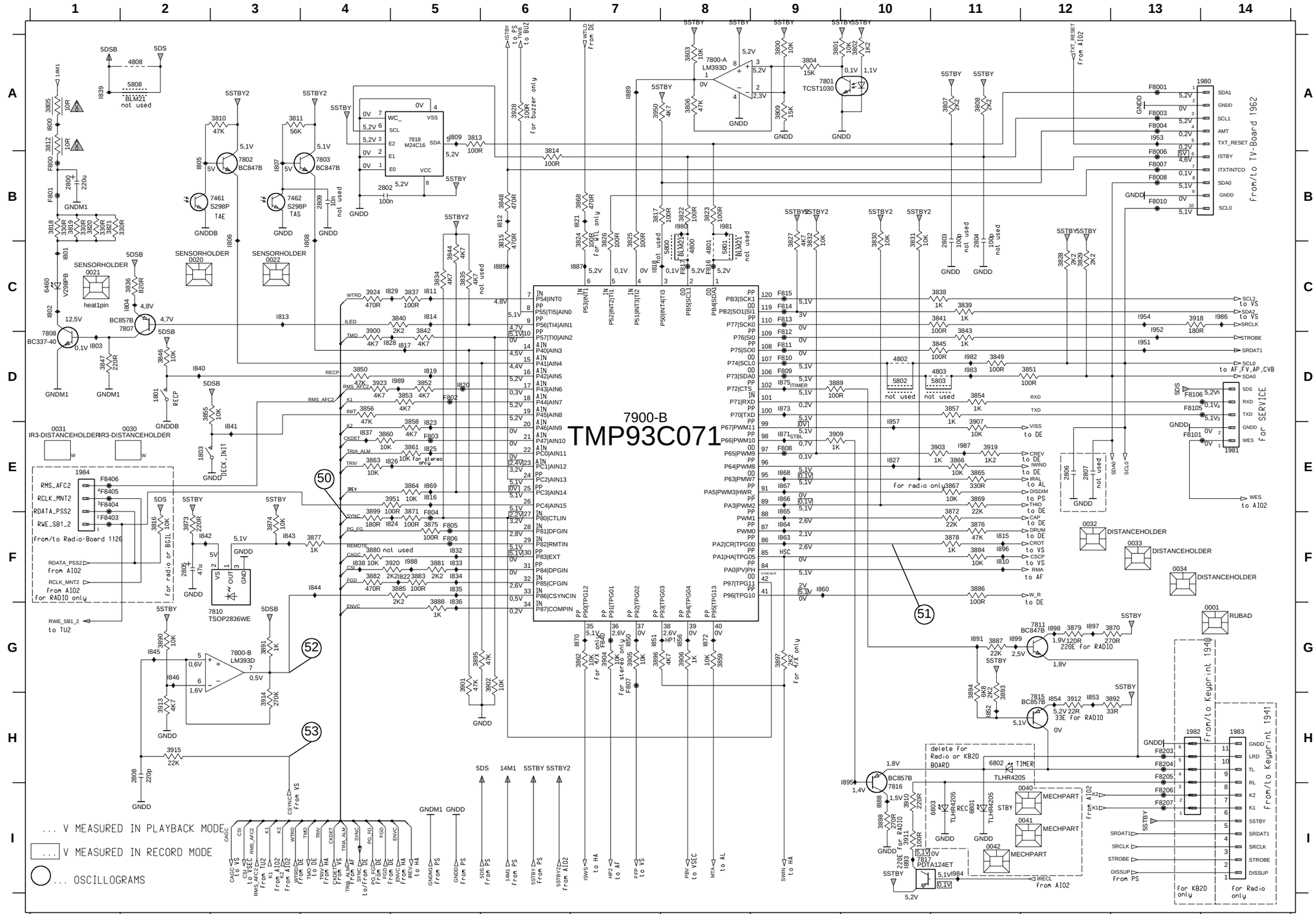


Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1151 A5 F169 D2
1152 D5 F170 D9
1153 A5 I151 A2
1913 C1 I152 A3
2150 B8 I153 A4
2151 C8 I154 E3
2152 E5 I155 E4
2154 D6 I156 E4
2160 E8 I157 E5
2161 E6 I158 E3
3150 B6 I159 F6
3151 B6 I160 B7
3152 B8 I161 B8
3153 C6 I162 C6
3154 C8 I163 C8
3155 C6 I164 C7
3156 C8 I165 C8
3157 C7 I166 C8
3158 C6 I167 C7
3159 C9 I168 C6
3161 E7 I169 E8
3162 E6 I170 E7
3163 A3 I171 E7
3164 A4 I172 D7
3165 E5 I175 D8
3166 A2 I176 D6
3168 E3 I177 A6
3171 E3
3173 E4
3176 E4
4805 D9
4806 D6
5150 C3
5160 D8
5805 E9
5806 E6
6150 B9
6151 C9
6152 C6
6153 C6
6154 D7
6160 E8
6161 F8
7150 B6
7151 B7
7152 C7
7153 C8
7155 A2
7157 A3
7159 E3
7160 F7
7161 E7
7163 E4
9101 A7
9150 C2
C100 C2
C101 F3
F1301 C2
F1302 C2
F1303 C2
F1304 C2
F1305 C2
F1306 C2
F1307 D2
F1308 D2
F1309 D2
F1310 D2
F1311 D2
F150 C2
F151 D2
F152 D2
F154 D2
F155 C2
F156 D2
F157 D2
F158 C2
F159 A6
F161 A6
F162 A6
F163 C2
F164 C3
F165 B7
F166 B7
F167 D6
F168 D6

3-16

Central Control 1 (AIO1) - Recorder Unit Board (RUB)



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0020 C2
0021 C1
0022 C3
0030 E2
0031 E1
0032 F12
0033 F13
0034 F13
0040 I11
0041 I11
0042 I11
1801 D2
1803 E2
1980 A13
1981 E14
1982 H13
1983 H14
1984 E1
2800 B1
2802 B4
2803 B11
2804 B11
2805 F2
2806 E12
2807 E12
2808 H2
2809 B4
3800 A9
3801 A9
3802 A10
3803 A8
3804 A9
3805 A1
3806 A8
3807 A11
3808 A11
3809 A9
3810 A3
3811 A3
3812 A1
3813 A5
3814 B6
3815 C6
3816 F2
3817 B7
3818 B1
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3821 B1
3822 B8
3823 B8
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3825 B7
3826 B7
3827 B9
3828 C12
3829 C12
3830 B10
3831 B10
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3836 C2
3837 C5
3838 C11
3839 C11
3840 C5
3841 C11
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3844 C5
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3847 D1
3848 B6
3849 D11
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3851 D12
3852 D5
3853 D5
3854 D11
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3856 D4
3857 D11
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3874 F3
3875 F5
3876 F11
3877 F4
3878 F11
3879 G12
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3885 F5
3886 F11
3887 G11
3888 G5
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3894 G11
3895 G5
3896 G7
3897 G9
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3901 G5
3902 G6
3903 E11
3904 G7
3905 G7
3906 G8
3907 E11
3909 E9
3910 I10
3911 I10
3912 H12
3913 H2
3914 H3
3915 H2
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3919 E11
3920 F5
3923 D4
3924 C4
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3950 A7
3951 E5
4800 C8
4801 C8
4802 D10
4803 D11
4808 A2
5800 C8
5801 C8
5802 D10
5803 D11
5808 A2
6460 C1
6801 I11
6802 H11
6803 I11
7461 B2
7462 B3
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7800-B G3
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7802 B3
7803 B4
7807 C2
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7815 H12
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7817 I11
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I812 B6
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I814 C5
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I845 G2
I846 G2
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I851 G7
I852 H11
I853 H12
I854 H12
I856 G8
I857 D10
I860 F9
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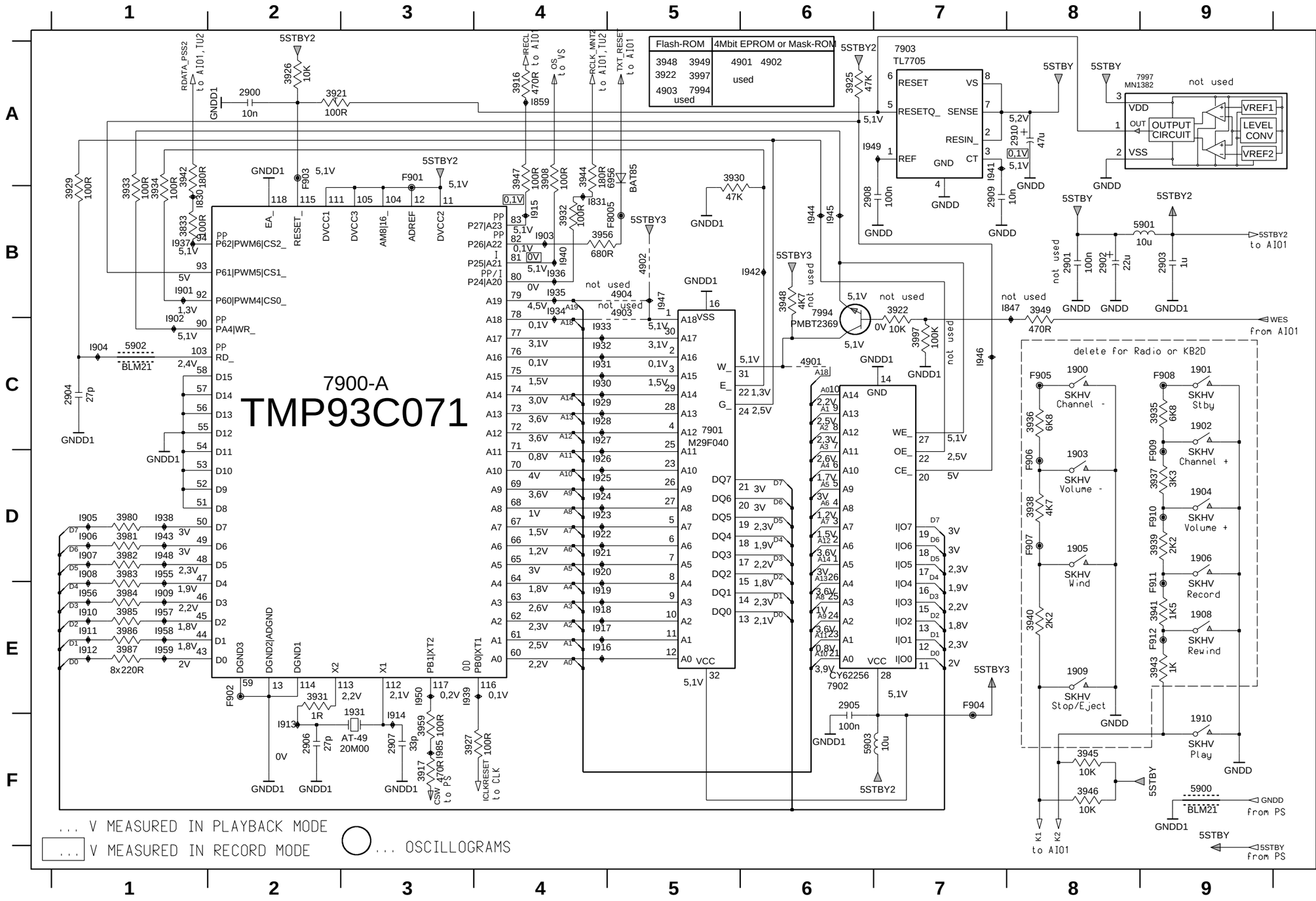
I864 F9
I865 E9
I866 E9
I867 E9
I868 E9
I869 E5
I870 G7
I871 E9
I872 G8
I873 D9
I875 D9
I885 C6
I887 C7
I888 I10
I889 A7
I891 G11
I893 I10
I895 H10
I896 F11
I897 G12
I898 G12
I899 G11
I951 D13
I952 C13
I953 A13
I954 C13
I980 B8
I981 B8
I982 D11
I983 D11
I984 I11
I986 C14
I987 E11
I989 F5

Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Central Control 2 (AIO2) - Recorder Unit Board (RUB)

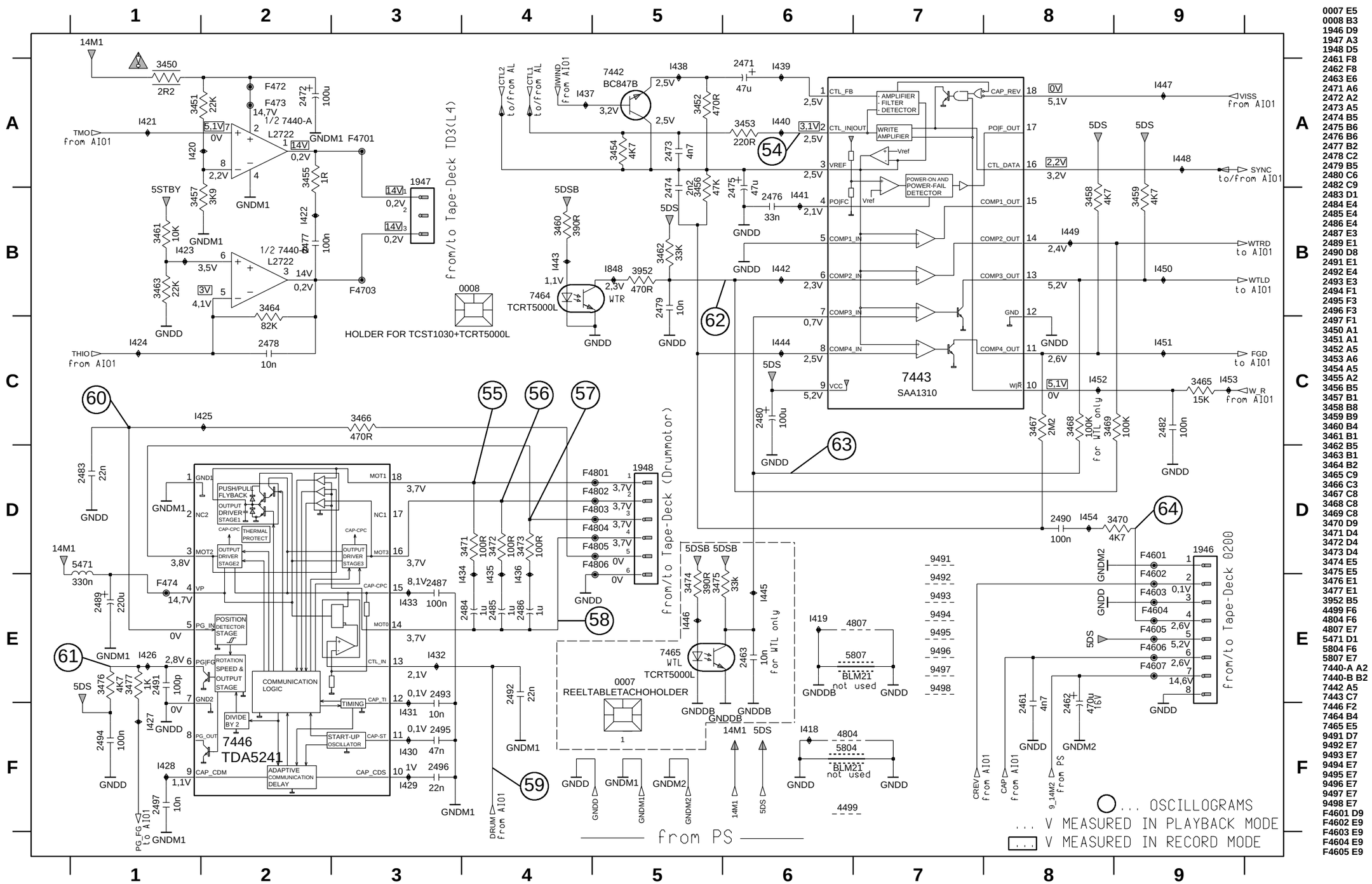


Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1900 C8	F909 D9
1901 C9	F910 D9
1902 C9	F911 E9
1903 D8	F912 E9
1904 D9	I830 B1
1905 D8	I831 B4
1906 D9	I847 B8
1908 E9	I859 A4
1909 E8	I901 B1
1910 F9	I902 C1
1931 F3	I903 B4
2900 A2	I904 C1
2901 B8	I905 D1
2902 B8	I906 D1
2903 B9	I907 D1
2904 C1	I908 D1
2905 E6	I909 E1
2906 F2	I910 E1
2907 F3	I911 E1
2908 B6	I912 E1
2909 B7	I913 F2
2910 A8	I914 F3
3833 B1	I915 B4
3908 A4	I916 E4
3916 A4	I917 E4
3917 F3	I918 E4
3921 A2	I919 E4
3922 B7	I920 D4
3925 A6	I921 D4
3926 A2	I922 D4
3927 F3	I923 D4
3929 B1	I924 D4
3930 A5	I925 D4
3931 E2	I926 D4
3932 B4	I927 C4
3933 B1	I928 C4
3934 B1	I929 C4
3935 C9	I930 C4
3936 C8	I931 C4
3937 D9	I932 C4
3938 D8	I933 C4
3939 D9	I934 B4
3940 E8	I935 B4
3941 E9	I936 B4
3942 A1	I937 B1
3943 E9	I938 D1
3944 A4	I939 E3
3945 F8	I940 B4
3946 F8	I941 A7
3947 A4	I942 B6
3948 B6	I943 D1
3949 B8	I944 B6
3956 B4	I945 B6
3959 F3	I946 C7
3980 D1	I947 B5
3981 D1	I948 D1
3982 D1	I949 A6
3983 D1	I950 E3
3984 E1	I955 D1
3985 E1	I956 E1
3986 E1	I957 E1
3987 E1	I958 E1
3997 C7	I959 E1
4901 C6	I985 F3
4902 B5	
4903 B5	
4904 B5	
5900 F9	
5901 B9	
5902 C1	
5903 F6	
6956 A5	
7900-A C2	
7901 C5	
7902 E6	
7903 A7	
7994 B6	
7997 A9	
F8005 B5	
F901 A3	
F902 E2	
F903 A2	
F904 E7	
F905 C8	
F906 D8	
F907 D8	
F908 C9	

3-18

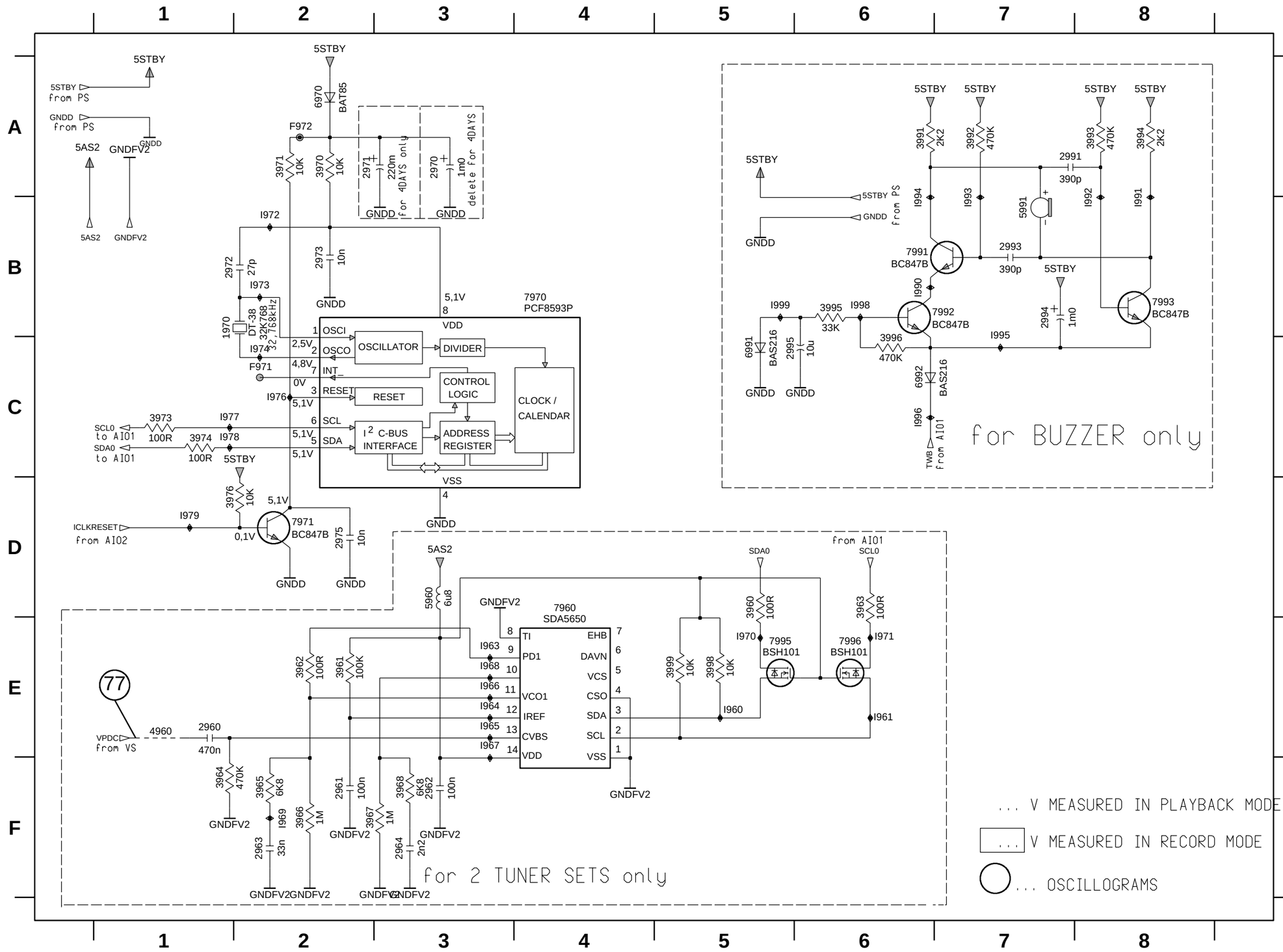
Deck Electronics (DE) - Recorder Unit Board (RUB)



0007 E5	F4606 E9
0008 B3	F4607 E9
1946 D9	F4701 A3
1947 A3	F4703 B3
1948 D5	F472 A2
2461 F8	F473 A2
2462 F8	F474 E1
2463 E6	F4801 D5
2471 A6	F4802 D5
2472 A2	F4803 D5
2473 A5	F4804 D5
2474 B5	F4805 D5
2475 B6	F4806 D5
2476 B6	I418 F6
2477 B2	I419 E6
2478 C2	I420 A1
2479 B5	I421 A1
2480 C6	I422 B2
2482 C9	I423 B1
2483 D1	I424 C1
2484 E4	I425 C2
2485 E4	I426 E1
2486 E4	I427 F1
2487 E3	I428 F1
2489 E1	I429 F3
2490 D8	I430 F3
2491 E1	I431 F3
2492 E4	I432 E3
2493 E3	I433 E3
2494 F1	I434 E4
2495 F3	I435 E4
2496 F3	I436 E4
2497 F1	I437 A4
3450 A1	I438 A5
3451 A1	I439 A6
3452 A5	I440 A6
3453 A6	I441 B6
3454 A5	I442 B6
3455 A2	I443 B4
3456 B5	I444 C6
3457 B1	I445 E6
3458 B8	I446 E5
3459 B9	I447 A9
3460 B4	I448 A9
3461 B1	I449 B8
3462 B5	I450 B9
3463 B1	I451 C9
3464 B2	I452 C8
3465 C9	I453 C9
3466 C3	I454 D8
3467 C8	I848 B5
3468 C8	
3469 C8	
3470 D9	
3471 D4	
3472 D4	
3473 D4	
3474 E5	
3475 E5	
3476 E1	
3477 E1	
3952 B5	
4499 F6	
4804 F6	
4807 E7	
5471 D1	
5804 F6	
5807 E7	
7440-A A2	
7440-B B2	
7442 A5	
7443 C7	
7446 F2	
7464 B4	
7465 E5	
9491 D7	
9492 E7	
9493 E7	
9494 E7	
9495 E7	
9496 E7	
9497 E7	
9498 E7	

Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Clock, VPS, Buzzer (CVB) - Recorder Unit Board (RUB)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1970 B1 I995 B7
2960 E1 I996 C6
2961 F2 I998 B6
2962 F3 I999 B5
2963 F2
2964 F3
2970 A3
2971 A2
2972 B1
2973 B2
2975 D2
2991 A7
2993 B7
2994 B7
2995 C5
3960 D5
3961 E2
3962 E2
3963 D6
3964 F1
3965 F2
3966 F2
3967 F2
3968 F3
3970 A2
3971 A2
3973 C1
3974 C1
3976 D1
3991 A6
3992 A7
3993 A8
3994 A8
3995 B6
3996 C6
3998 E5
3999 E5
4960 E1
5960 D3
5991 B7
6970 A2
6991 C5
6992 C6
7960 D4
7970 B4
7971 D2
7991 B6
7992 B6
7993 B8
7995 E5
7996 E6
F971 C2
F972 A2
I960 E5
I961 E6
I963 E3
I964 E3
I965 E3
I966 E3
I967 E3
I968 E3
I969 F2
I970 E5
I971 E6
I972 B2
I973 B2
I974 C2
I976 C2
I977 C1
I978 C1
I979 D1
I990 B6
I991 B8
I992 B8
I993 B7
I994 B6

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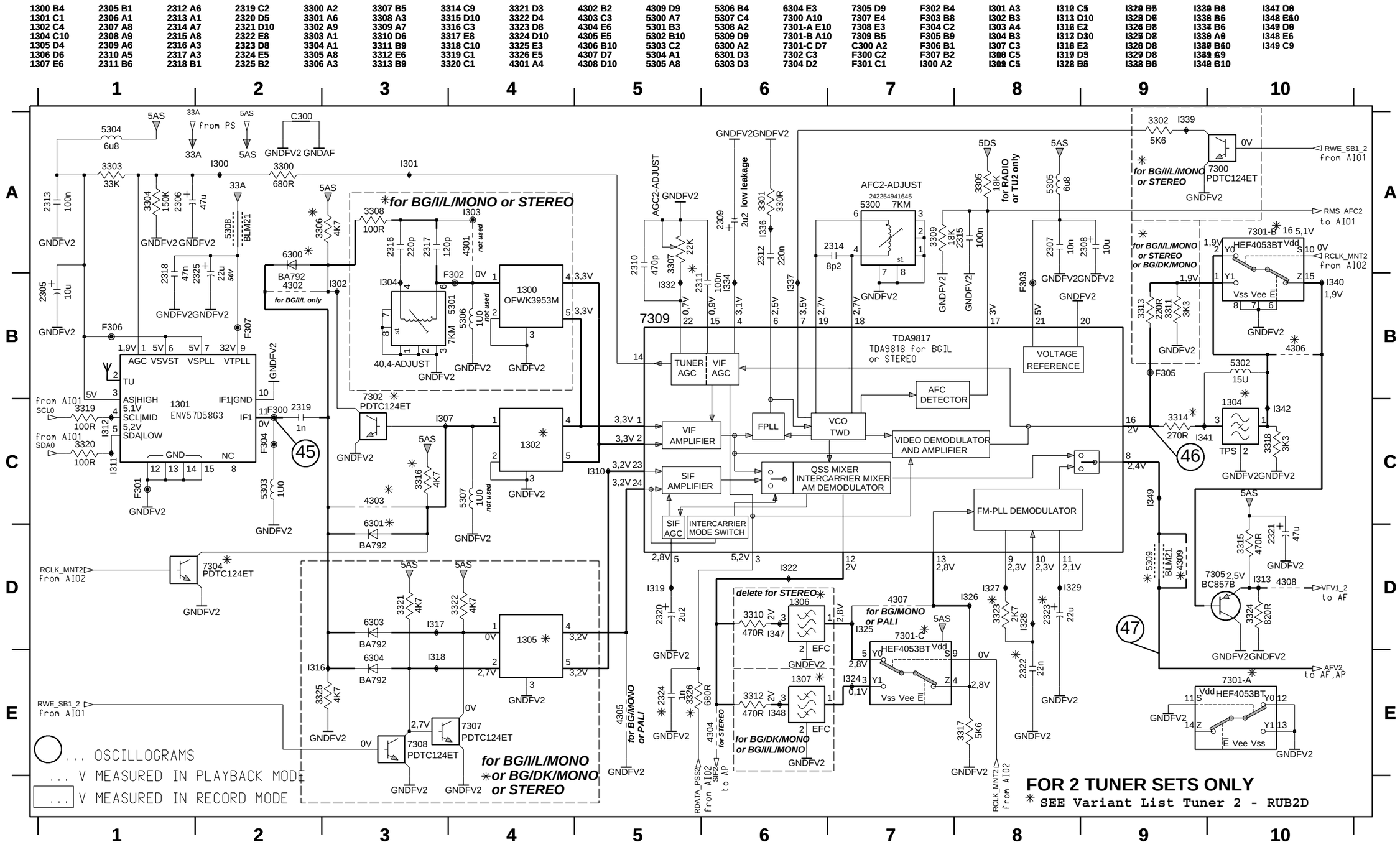
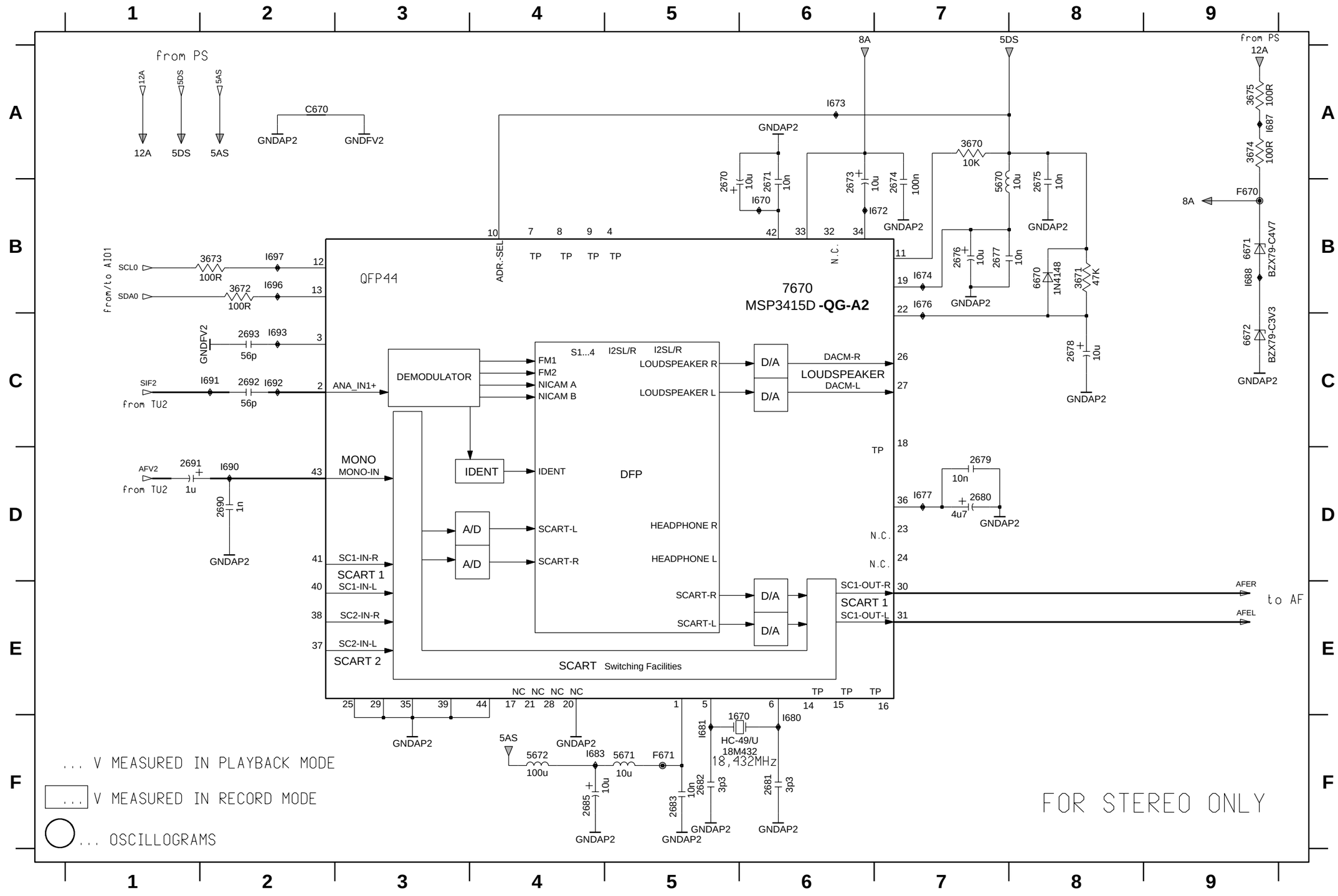
Tuner 2 (TU2) - Recorder Unit Board (RUB)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Sound Processing (AP) - Recorder Unit Board (RUB)



1670 F5
2670 B5
2671 B6
2673 B6
2674 B7
2675 B8
2676 B7
2677 B7
2678 C8
2679 D7
2680 D7
2681 F6
2682 F5
2683 F5
2685 F4
2690 D2
2691 D1
2692 C2
2693 C2
3670 A7
3671 B8
3672 B2
3673 B2
3674 A9
3675 A9
5670 B7
5671 F5
5672 F4
6670 B8
6671 B9
6672 C9
7670 B6
C670 A2
F670 B9
F671 F5
I670 B6
I672 B7
I673 A6
I674 B7
I676 B7
I677 D7
I680 F6
I681 F5
I683 F4
I687 A9
I688 B9
I690 D2
I691 C2
I692 C2
I693 C2
I696 B2
I697 B2

Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

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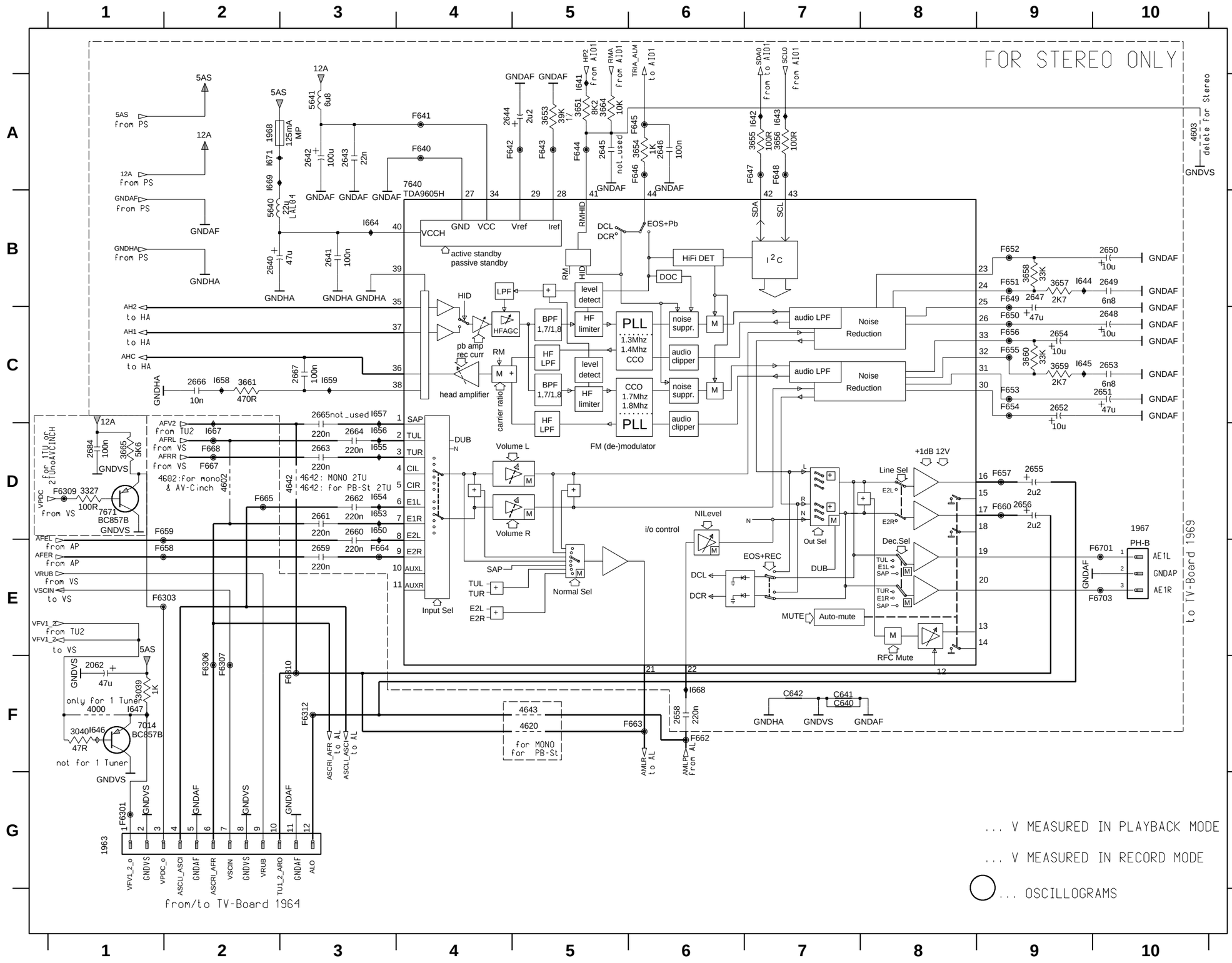
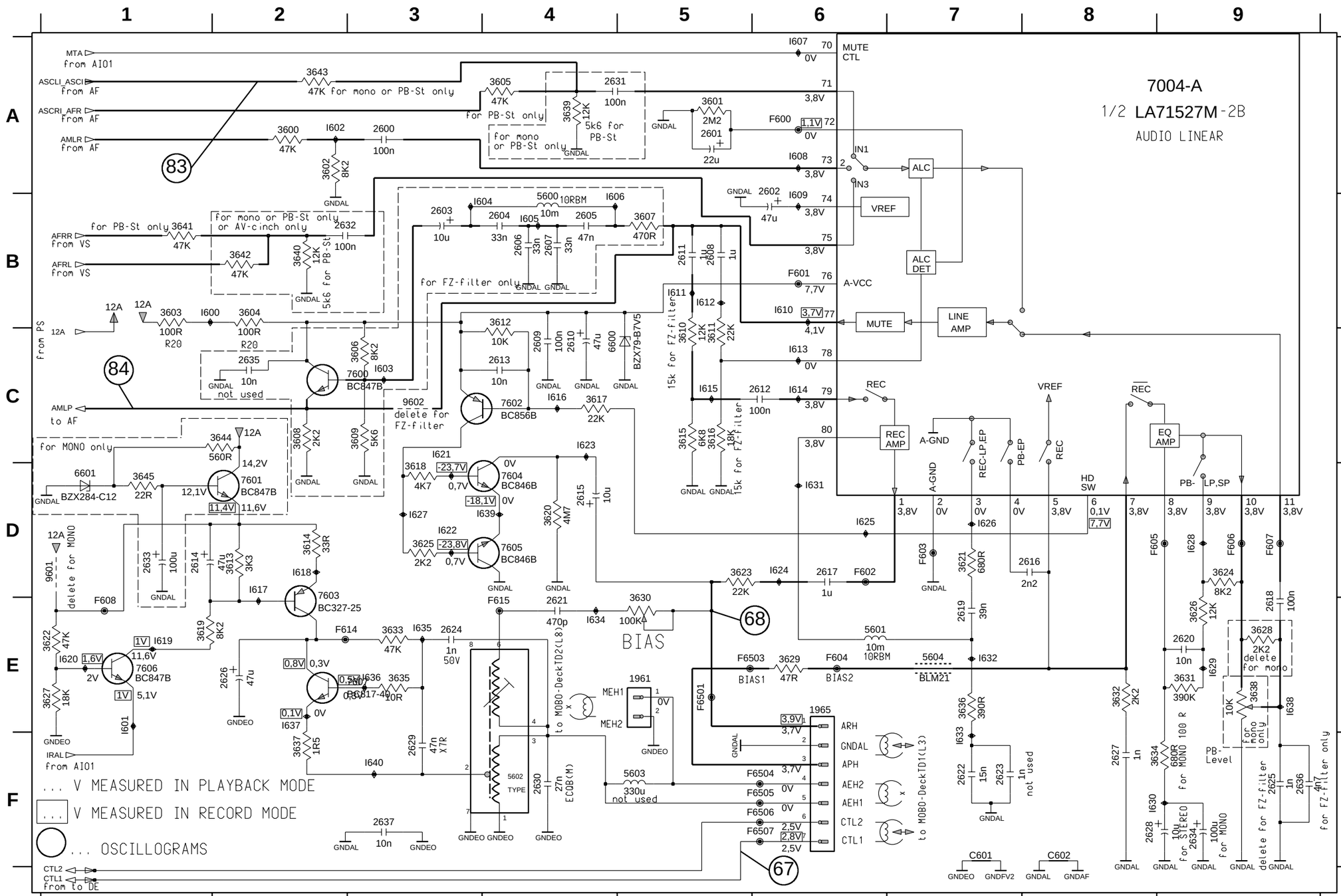
FM-Audio Processing (AF) - Recorder Unit Board (RUB)



1963 G1
1967 D10
1968 A2
2062 F1
2640 B2
2641 B3
2642 A3
2643 A3
2644 A4
2645 A5
2646 A6
2647 B9
2648 C10
2649 B10
2650 B10
2651 C10
2652 C9
2653 C10
2654 C9
2655 D9
2656 D9
2658 F6
2659 E3
2660 D3
2661 D3
2662 D3
2663 D3
2664 D3
2665 C3
2666 C2
2667 C3
2684 D1
3039 F1
3040 F1
3327 D1
3651 A5
3653 A5
3654 A6
3655 A7
3656 A7
3657 B9
3658 B9
3659 C9
3660 C9
3661 C2
3664 A5
3665 D1
4000 F1
4602 D2
4603 A10
4620 F5
4642 D3
4643 F5
5640 B2
5641 A3
7014 F1
7640 A4
7671 D1
C640 F7
C641 F7
C642 F7
F6301 G1
F6303 E2
F6306 F2
F6307 F2
F6309 D1
F6310 F3
F6312 F3
F640 A4
F641 A4
F642 A4
F643 A5
F644 A5
F645 A6
F646 A6
F647 A7
F648 A7
F649 B9
F650 C9
F651 B9
F652 B9
F653 C9
F654 C9
F655 C9
F656 C9
F657 D9
F658 E2
F659 D2
F660 D9
F662 F6
F663 F6
F664 E3
F665 D2
F667 D2
F668 D2
F6701 E10
F6703 E10
I641 A5
I642 A7
I643 A7
I644 B9
I645 C9
I646 F1
I647 F1
I650 D3
I653 D3
I654 D3
I655 D3
I656 D3
I657 C3
I658 C2
I659 C3
I664 B3
I667 D2
I668 F6
I669 A2
I671 A2

Interconnections	
Circuit	page
ACO	3-29
AF	3-22
AF2	3-30
AIO1	3-16
AIO2	3-17
AL	3-23
AMP	3-13
AP	3-21
COTV	3-14
CVB	3-19
DE	3-18
DOSCD	3-32
HA	3-26
HPAV	3-27
IO_1	3-11
KB1D	3-33
KB2D	3-34
LS	3-8
MFSWD	3-34
PS (RUB)	3-15
PS (TVB)	3-7
PT	3-28
SF	3-12
SFD	3-31
TU1	3-9
TU2	3-20
TV	3-10
VS	3-24
VSEC	3-25

Linear Audio Processing (AL) - Recorder Unit Board (RUB)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1961 E5	5602 F4		
1965 E6	5603 F5		
2600 A3	5604 E7		
2601 A5	6600 C4		
2602 B6	6601 D1		
2603 B3	7004-A A8		
2604 B4	7600 C2		
2605 B4	7601 D2		
2606 B4	7602 C4		
2607 B4	7603 E2		
2608 B5	7604 D4		
2609 C4	7605 D4		
2610 C4	7606 E1		
2611 B5	7607 E2		
2612 C6	9601 D1		
2613 C4	9602 C3		
2614 D1	C601 F7		
2615 D4	C602 F8		
2616 D8	F600 A6		
2617 D6	F601 B6		
2618 E9	F602 D6		
2619 E7	F603 D7		
2620 E9	F604 E6		
2621 E4	F605 D9		
2622 F7	F606 D9		
2623 F7	F607 D9		
2624 E3	F608 E1		
2625 F9	F614 E2		
2626 E2	F615 E4		
2627 F8	F6501 E5		
2628 F8	F6503 E5		
2629 F3	F6504 F6		
2630 F4	F6505 F6		
2631 A4	F6506 F6		
2632 B2	F6507 F6		
2633 D1	I600 B1		
2634 F9	I601 E1		
2635 C2	I602 A2		
2636 F9	I603 C3		
2637 F3	I604 B4		
3600 A2	I605 B4		
3601 A5	I606 B4		
3602 A2	I607 A6		
3603 B1	I608 A6		
3604 B2	I609 B6		
3605 A4	I610 B6		
3606 C3	I611 B5		
3607 B5	I612 B5		
3608 C2	I613 C6		
3609 C3	I614 C6		
3610 C5	I615 C5		
3611 C5	I616 C4		
3612 B4	I617 D2		
3613 D2	I618 D2		
3614 D2	I619 E1		
3615 C5	I620 E1		
3616 C5	I621 C3		
3617 C4	I622 D3		
3618 D3	I623 C4		
3619 E1	I624 D6		
3620 D4	I625 D6		
3621 D7	I626 D7		
3622 E1	I627 D3		
3623 D5	I628 D9		
3624 D9	I629 E9		
3625 D3	I630 F8		
3626 E9	I631 D6		
3627 E1	I632 E7		
3628 E9	I633 F7		
3629 E6	I634 E4		
3630 D5	I635 E3		
3631 E9	I636 E3		
3632 E8	I637 E2		
3633 E3	I638 E9		
3634 F9	I639 D4		
3635 E3	I640 F3		
3636 E7			
3637 F2			
3638 E9			
3639 A4			
3640 B2			
3641 B1			
3642 B2			
3643 A2			
3644 C2			
3645 D1			
5600 B4			
5601 E6			

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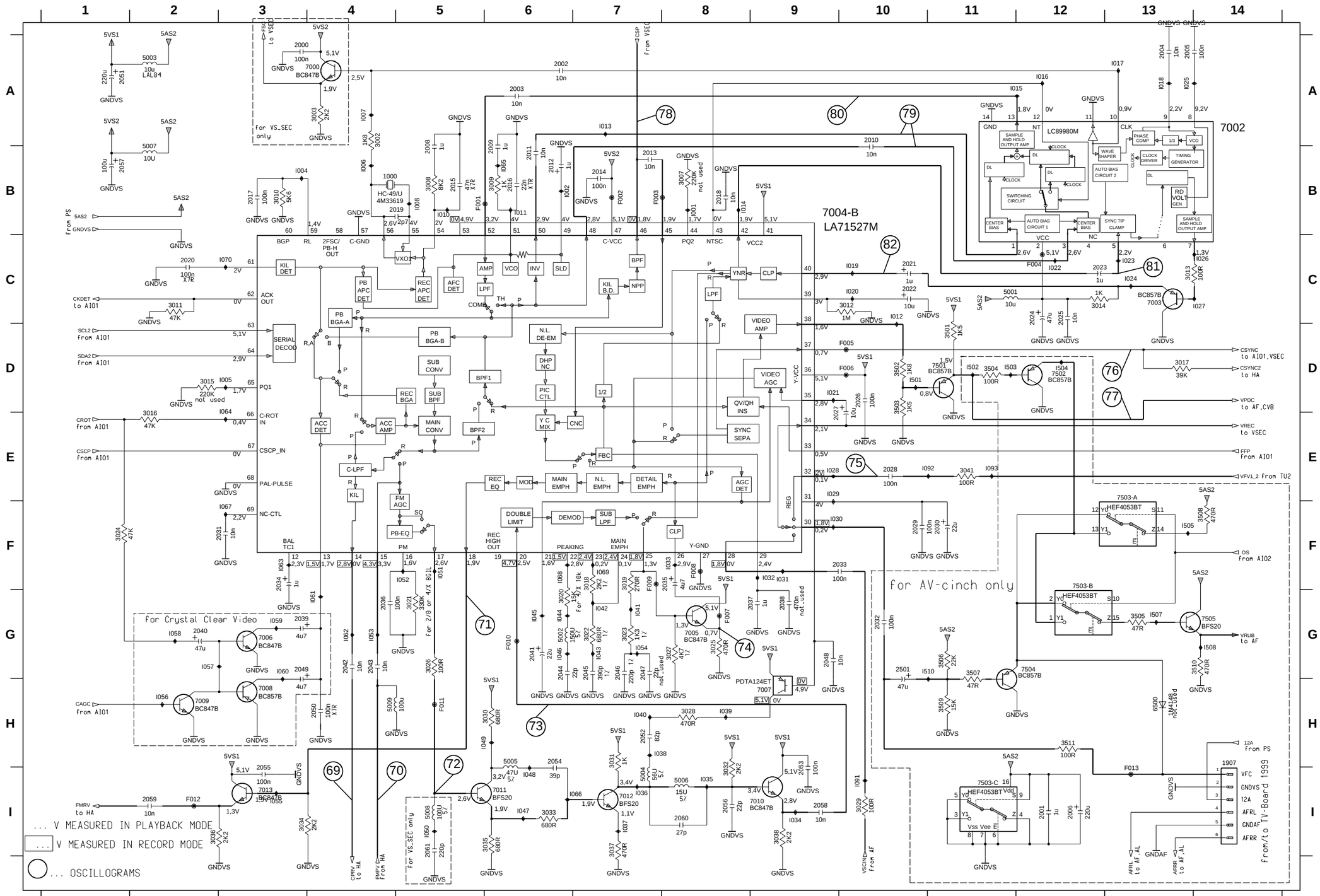
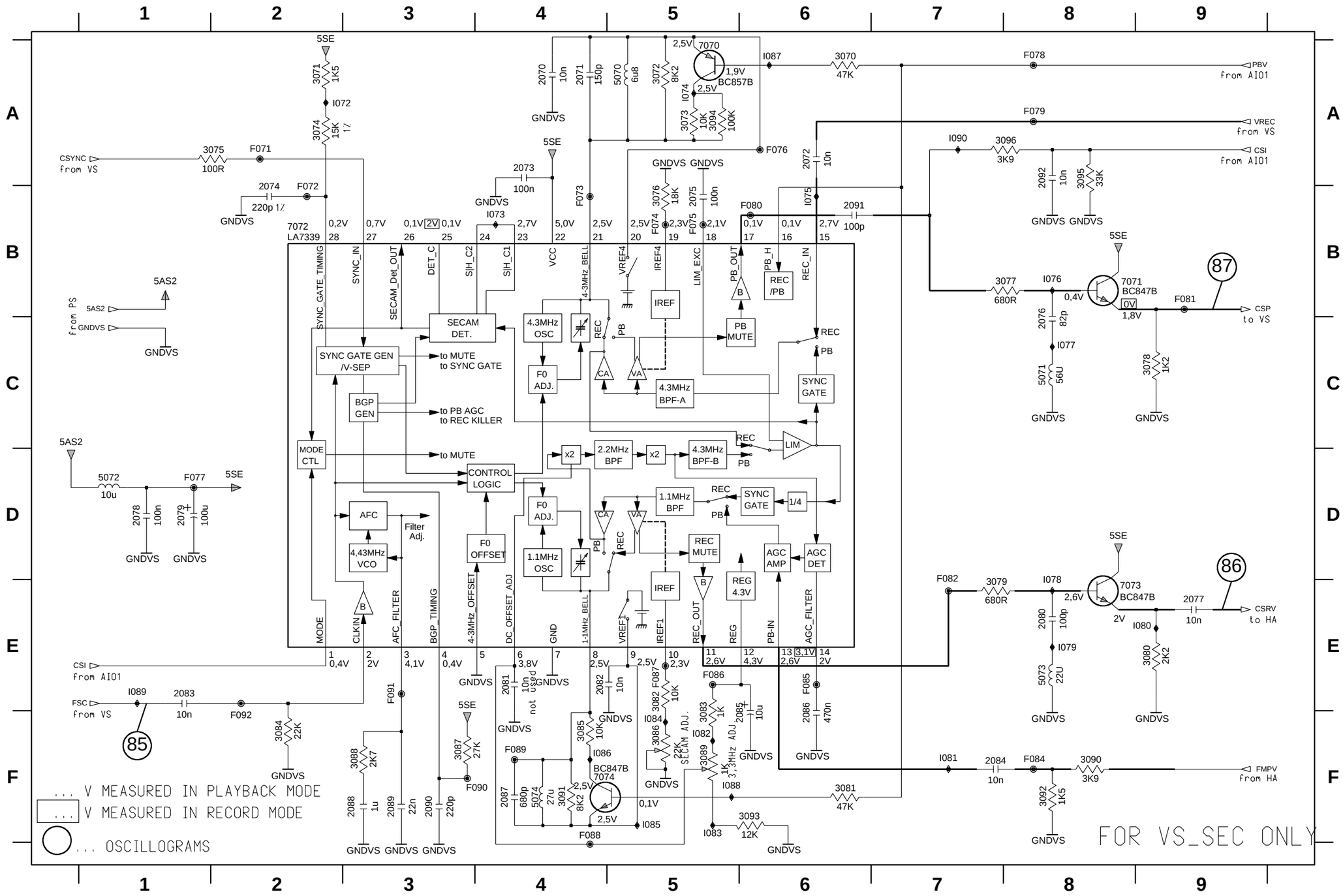
Video Signal Processing (VS) - Recorder Unit Board (RUB)



1000 B4	7501 D11
1907 H14	7502 D12
2000 A3	7503-A E13
2001 I12	7503-B F12
2002 A6	7503-C I11
2003 A6	7504 G12
2004 A13	7505 G14
2005 A13	F001 B5
2006 I12	F002 B7
2008 B5	F003 B7
2009 B6	F004 C12
2010 A10	F005 D10
2011 B6	F006 D10
2012 B6	F007 G8
2013 B7	F008 F8
2014 B7	F009 F7
2015 B5	F010 G6
2016 B6	F011 H5
2017 B3	F012 I2
2018 B8	F013 I13
2019 B5	I001 B8
2020 C2	I002 B6
2021 C10	I004 B3
2022 C10	I005 D3
2023 C12	I006 B4
2024 C12	I007 A4
2025 C12	I008 B5
2026 D10	I010 B5
2027 E9	I011 B6
2028 E10	I012 C10
2029 F10	I013 A7
2030 F11	I014 B8
2031 F3	I015 A12
2032 G10	I016 A12
2033 F10	I017 A13
2034 F3	I018 A13
2035 F8	I019 C10
2036 G4	I020 C10
2037 G9	I021 D9
2038 G9	I022 C12
2039 G3	I023 C13
2040 G2	I024 C13
2041 G6	I025 A13
2042 G4	I026 C14
2043 G4	I027 C14
2044 G6	I028 E9
2045 G7	I029 E9
2046 G7	I030 F9
2047 G7	I031 F9
2048 G9	I032 F9
2049 G3	I033 F8
2050 H4	I034 I9
2051 A1	I035 I8
2052 H7	I036 I7
2053 I9	I037 I7
2054 H6	I038 H7
2055 I3	I039 H8
2056 I8	I040 H7
2057 B1	I041 G7
2058 I9	I042 G7
2059 I2	I043 G7
2060 I8	I044 G6
2061 I5	I045 G6
2501 G10	I046 G6
3002 A4	I047 I6
3003 A4	I048 I6
3007 B8	I049 H5
3008 B5	I050 I5
3009 B6	I051 F5
3010 B3	I052 F5
3011 C2	I053 G4
3012 C10	I054 G7
3013 C13	I055 I3
3014 C12	I056 H2
3015 D2	I057 G2
3016 E2	I058 G2
3017 D13	I059 G3
3018 F7	I060 G3
3019 F7	I061 G4
3020 G6	I062 G4
3021 G5	I063 F3
3022 G7	I064 D3
3023 G7	I065 B6
3024 G2	I066 I7
3025 G8	I067 F3
3026 G5	I068 F6
3027 G8	I069 F7
3028 H8	I070 C3
3029 I10	I091 I10
3030 H6	I092 E11
3031 H7	I093 E11
3032 I8	I501 D10
3033 I6	I502 D11
3034 I3	I503 D11
3035 I6	I504 D12
3036 I2	I505 F13
3037 I7	I507 G13
3038 I9	I508 G14
3041 E11	I510 G11
3501 D11	
3502 D10	
3503 D10	
3504 D11	
3505 G13	
3506 G11	
3507 G11	
3508 F14	
3509 H11	
3510 G14	
3511 H12	
5001 C11	
5002 G6	
5003 A2	
5004 I7	
5005 H6	
5006 I8	
5007 B2	
5008 I5	
5009 H4	
6500 H13	
7000 A4	
7002 A14	
7003 C13	
7004-B B9	
7005 G8	
7006 G3	
7007 H9	
7008 H3	
7009 H2	
7010 I8	
7011 I6	
7012 I7	
7013 I3	

Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

SECAM Processing (VSEC) - Recorder Unit Board (RUB)

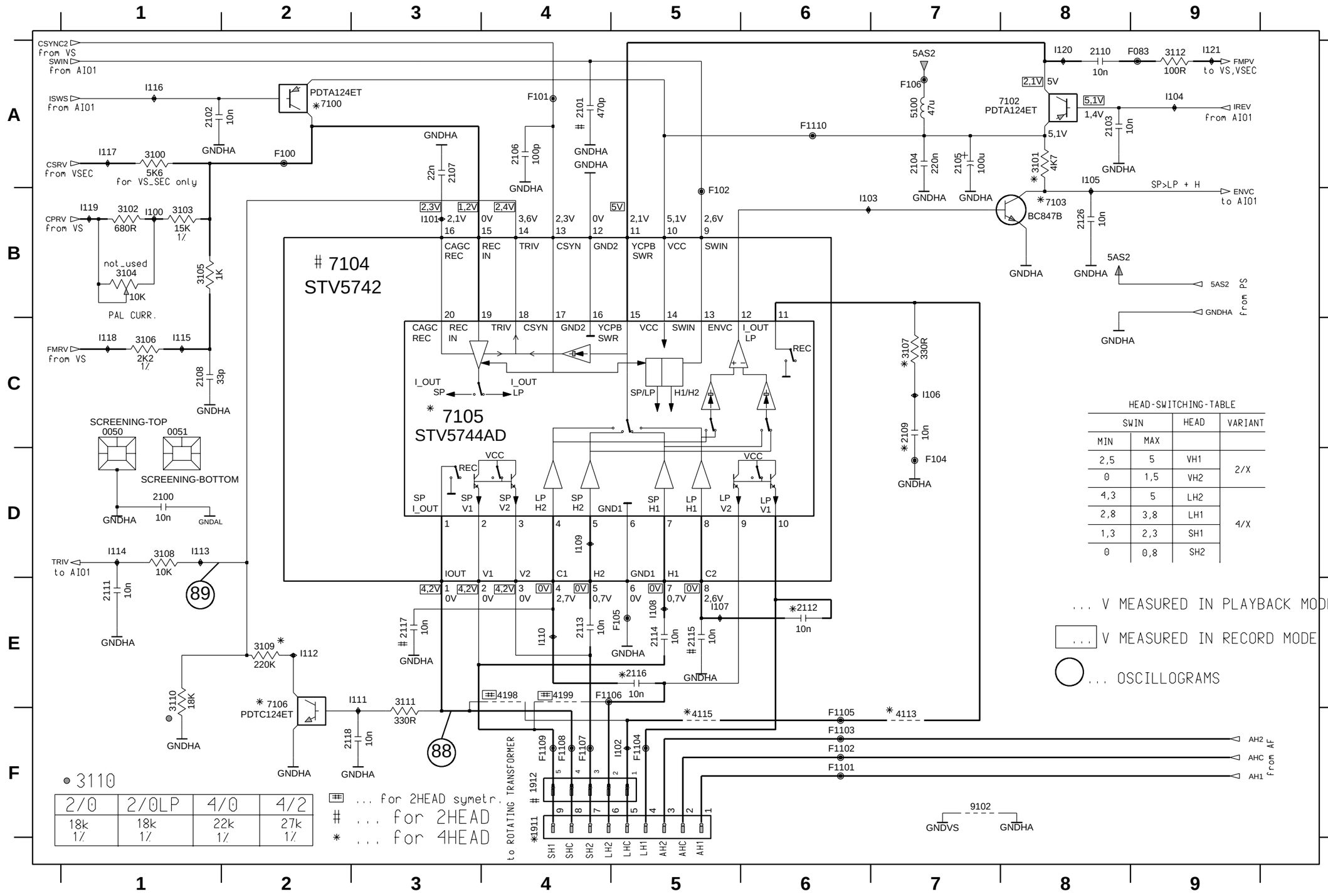


	Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

2070 A4 I078 D8
2071 A4 I079 E8
2072 A6 I080 E9
2073 A4 I081 F7
2074 B2 I082 F5
2075 B5 I083 F5
2076 C8 I084 F5
2077 E9 I085 F5
2078 D1 I086 F4
2079 D1 I087 A6
2080 E8 I088 F5
2081 E4 I089 E1
2082 E4 I090 A7
2083 E1
2084 F7
2085 F6
2086 F6
2087 F4
2088 F3
2089 F3
2090 F3
2091 B6
2092 A8
3070 A6
3071 A2
3072 A5
3073 A5
3074 A2
3075 A2
3076 B5
3077 B8
3078 C9
3079 E7
3080 E9
3081 F6
3082 E5
3083 F5
3084 F2
3085 F4
3086 F5
3087 F3
3088 F3
3089 F5
3090 F8
3091 F4
3092 F8
3093 F6
3094 A5
3095 A8
3096 A8
5070 A5
5071 C8
5072 D1
5073 E8
5074 F4
7070 A5
7071 B8
7072 B2
7073 E8
7074 F5
F071 A2
F072 B2
F073 B4
F074 B5
F075 B5
F076 A6
F077 D1
F078 A8
F079 A8
F080 B6
F081 B9
F082 D7
F084 F8
F085 E6
F086 E5
F087 E5
F088 F4
F089 F4
F090 F4
F091 E3
F092 F2
I072 A2
I073 B4
I074 A5
I075 B6
I076 B8
I077 C8

3-26

Head Amplifier (HA) - Recorder Unit Board (RUB)



3110			
2/0	2/0LP	4/0	4/2
18k 1%	18k 1%	22k 1%	27k 1%

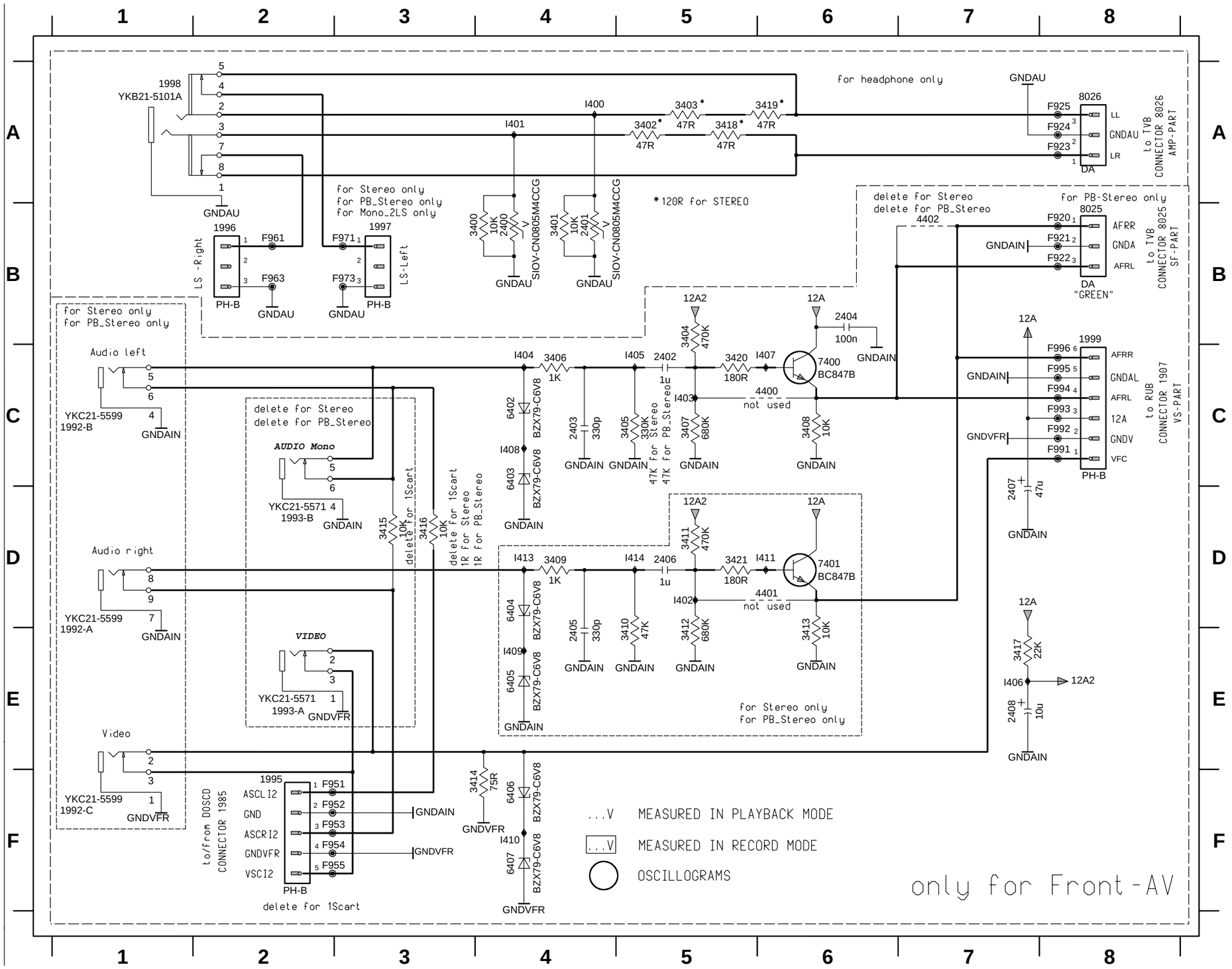
HEAD-SWITCHING-TABLE

SWIN		HEAD	VARIANT
MIN	MAX		
2,5	5	VH1	2/X
0	1,5	VH2	
4,3	5	LH2	4/X
2,8	3,8	LH1	
1,3	2,3	SH1	
0	0,8	SH2	

Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0050 C1
0051 C1
1911 F4
1912 F4
2100 D1
2101 A4
2102 A1
2103 A8
2104 A7
2105 A7
2106 A4
2107 A3
2108 C1
2109 C7
2110 A8
2111 E1
2112 E6
2113 E4
2114 E5
2115 E5
2116 E5
2117 E3
2118 F2
2126 B8
3100 A1
3101 A8
3102 B1
3103 B1
3104 B1
3105 B1
3106 C1
3107 C7
3108 D1
3109 E2
3110 E1
3111 E3
3112 A9
4113 F7
4115 F5
4198 E4
4199 E4
5100 A7
7100 A2
7102 A8
7103 B8
7104 B2
7105 C3
7106 E2
9102 F7
F083 A9
F100 A2
F101 A4
F102 B5
F104 D7
F105 E5
F106 A7
F1101 F6
F1102 F6
F1103 F6
F1104 F5
F1105 F6
F1106 E4
F1107 F4
F1108 F4
F1109 F4
F1110 A6
I100 B1
I101 B3
I102 F5
I103 B6
I104 A9
I105 A8
I106 C7
I107 E5
I108 E5
I109 D4
I110 E4
I111 E3
I112 E2
I113 D1
I114 D1
I115 C1
I116 A1
I117 A1
I118 C1
I119 B1
I120 A8
I121 A9

Headphone, Front-AV Board (HPAV)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1992-A D1
1992-B C1
1992-C F1
1993-A E2
1993-B D2
1995 F2
1996 B2
1997 B3
1998 A1
1999 B8
2400 B4
2401 B4
2402 C5
2403 C4
2404 B6
2405 E4
2406 D5
2407 D7
2408 E7
3400 B4
3401 B4
3402 A5
3403 A5
3404 B5
3405 C5
3406 C4
3407 C5
3408 C6
3409 D4
3410 E5
3411 D5
3412 E5
3413 E6
3414 F4
3415 D3
3416 D3
3417 E7
3418 A5
3419 A6
3420 C5
3421 D5
4400 C6
4401 D6
4402 B7
6402 C4
6403 C4
6404 D4
6405 E4
6406 F4
6407 F4
7400 C6
7401 D6
8025 B8
8026 A8
F920 B8
F921 B8
F922 B8
F923 A8
F924 A8
F925 A8
F951 F2
F952 F2
F953 F2
F954 F2
F955 F2
F961 B2
F963 B2
F971 B3
F973 B3
F991 C8
F992 C8
F993 C8
F994 C8
F995 C8
F996 C8
I400 A4
I401 A4
I402 D5
I403 C5
I404 C4
I405 C5
I406 E7
I407 C6
I408 C4
I409 E4
I410 F4
I411 D6
I413 D4
I414 D5

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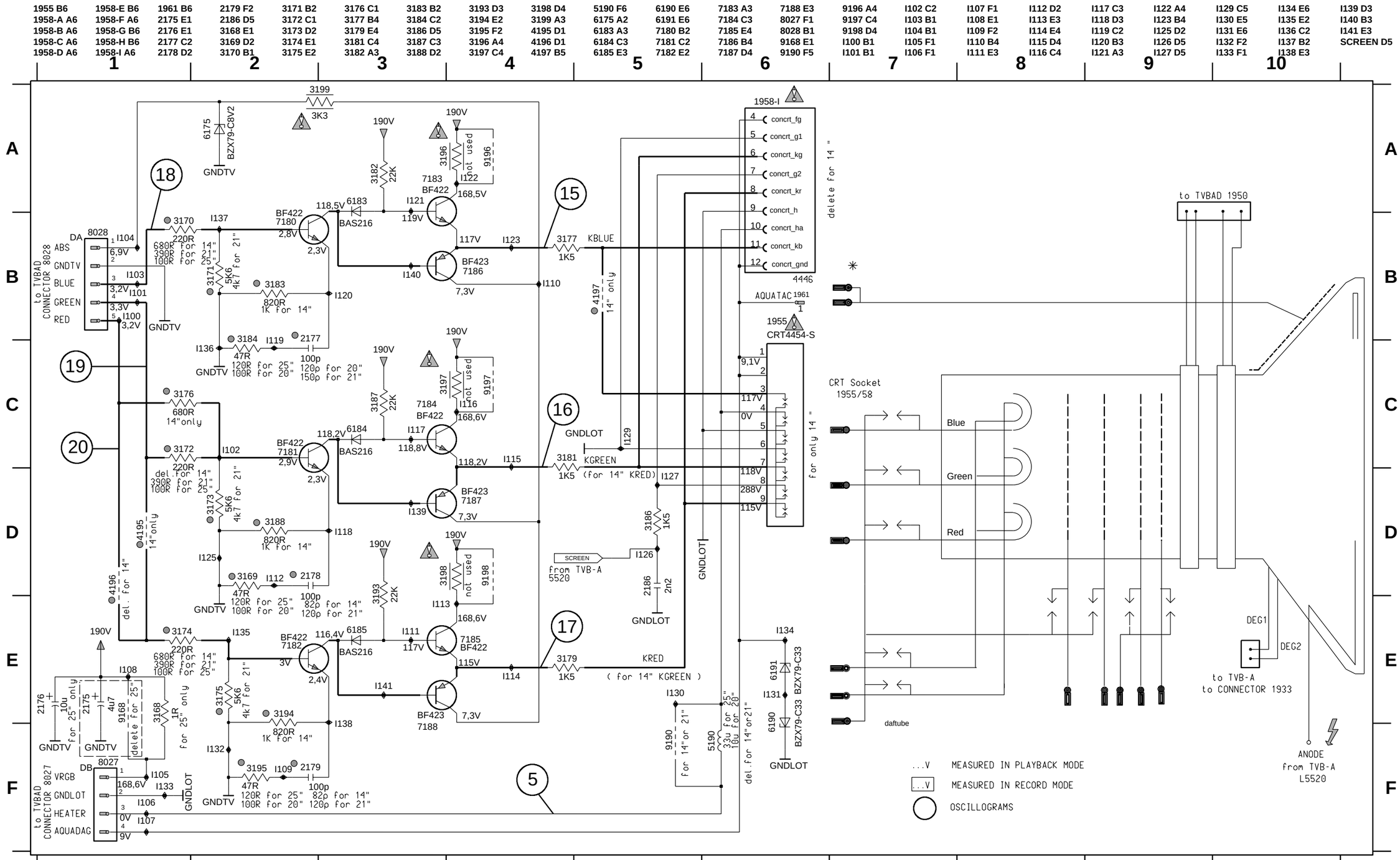
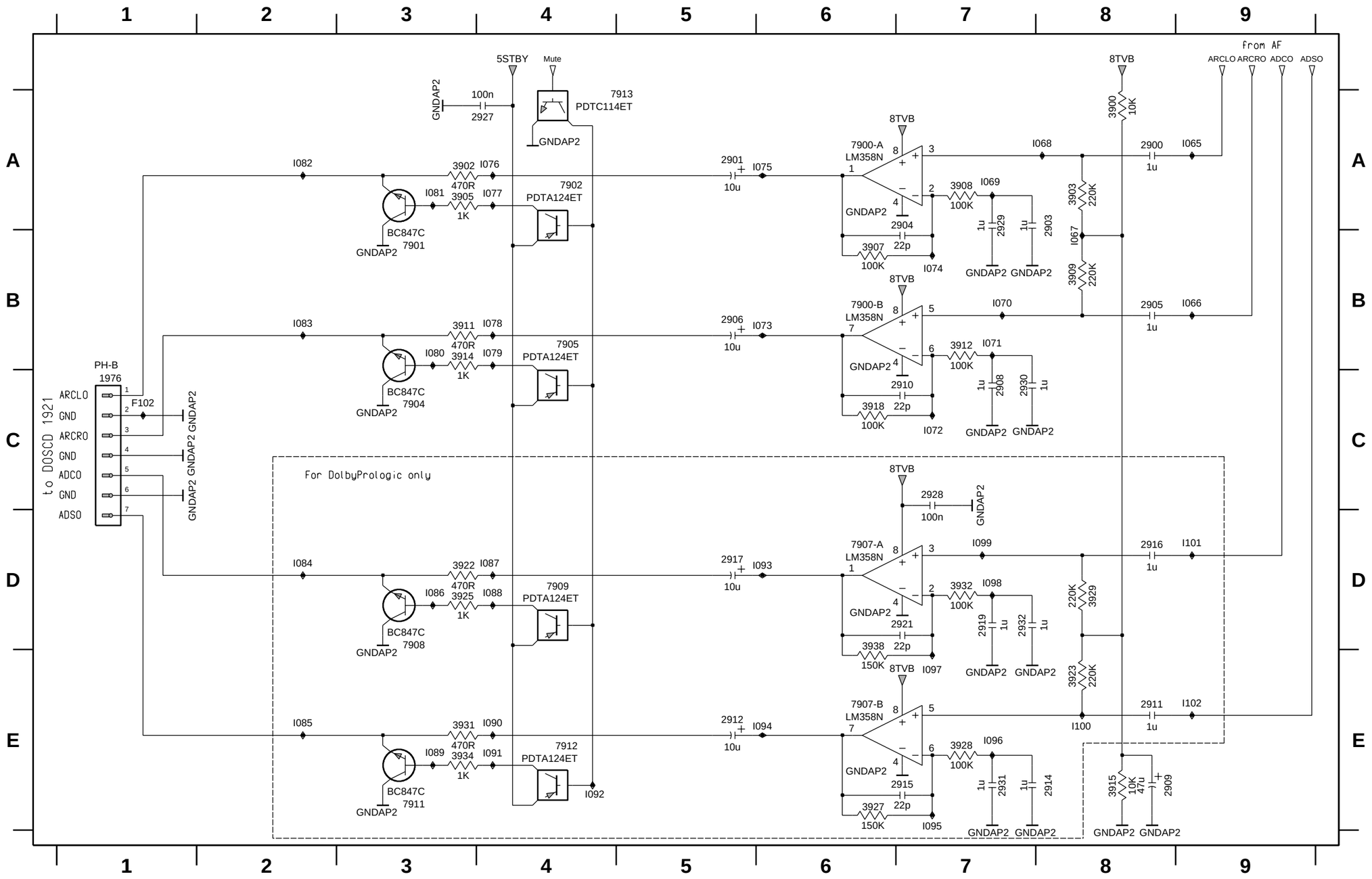
CRT-Board (PT)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Pre Amplifier (ACO) - Audio Board (APDOD)

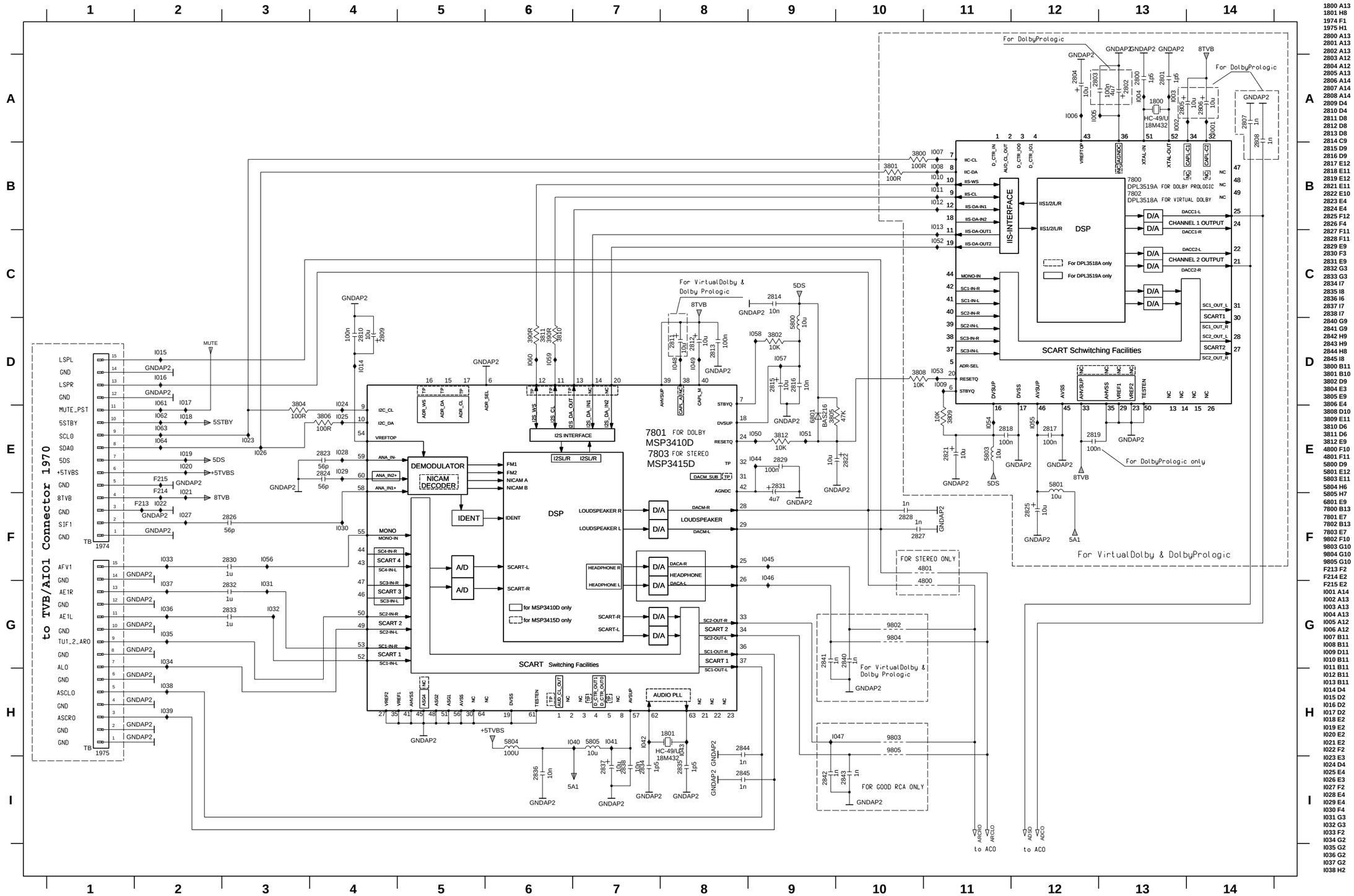


Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1976 C1
2900 A8
2901 A5
2903 A7
2904 B7
2905 B8
2906 B5
2908 C7
2909 E8
2910 C7
2911 E8
2912 E5
2914 E7
2915 E7
2916 D8
2917 D5
2919 D7
2921 D7
2927 A4
2928 C7
2929 A7
2930 C7
2931 E7
2932 D7
3900 A8
3902 A3
3903 A8
3905 A3
3907 B6
3908 A7
3909 B8
3911 B3
3912 B7
3914 B3
3915 E8
3918 C6
3922 D3
3923 E8
3925 D3
3927 E6
3928 E7
3929 D8
3931 E3
3932 D7
3934 E3
3938 E6
7900-A A6
7900-B B6
7901 A3
7902 A4
7904 B3
7905 C4
7907-A D6
7907-B E6
7908 D3
7909 D4
7911 E3
7912 E4
7913 A4
F102 C1
I065 A9
I066 B9
I067 B8
I068 A8
I069 A7
I070 B7
I071 B7
I072 C7
I073 B6
I074 B7
I075 A6
I076 A4
I077 A4
I078 B4
I079 B4
I080 B3
I081 A3
I082 A2
I083 B2
I084 D2
I085 E2
I086 D3
I087 D4
I088 D4
I089 E3
I090 E4
I091 E4
I092 E4
I093 D6
I094 E6
I095 E7
I096 E7
I097 E7
I098 D7
I099 D7
I100 E8
I101 D9
I102 E9

3-30

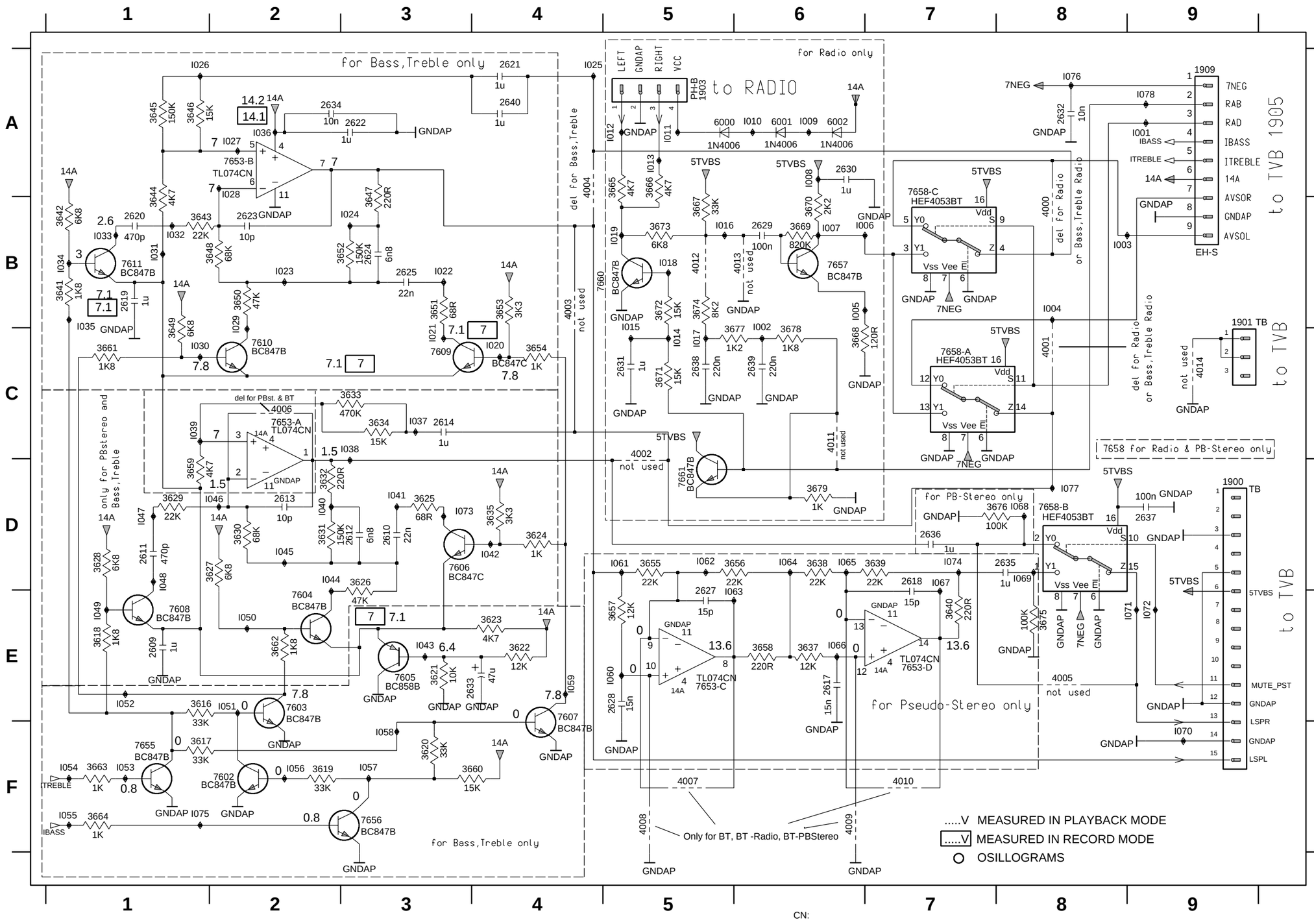
Audio Processing (AF2) - Audio Board (APDOD)



Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1800 A13 I039 H2
1801 H8 I040 H7
1974 F1 I041 H7
1975 H1 I042 H7
2800 A13 I043 H8
2801 A13 I044 E9
2802 A13 I045 F9
2803 A12 I046 F9
2804 A12 I047 G9
2805 A13 I048 D8
2806 A14 I049 D8
2807 A14 I050 E9
2808 A14 I051 E9
2809 D4 I052 C11
2810 D4 I053 D10
2811 D8 I054 E11
2812 D8 I055 E12
2813 D8 I056 F3
2814 C9 I057 D9
2815 D9 I058 D9
2816 D9 I059 D6
2817 E12 I060 D6
2818 E11 I061 D2
2819 E12 I062 E2
2821 E11 I063 E2
2822 E10 I064 E2
2823 E4
2824 E4
2825 F12
2826 F4
2827 F11
2828 F11
2829 E9
2830 F3
2831 E9
2832 G3
2833 G3
2834 I7
2835 I8
2836 I6
2837 I7
2838 I7
2840 G9
2841 G9
2842 H9
2843 H9
2844 H8
2845 I8
3800 B11
3801 B10
3802 D9
3804 E3
3805 E9
3806 E4
3808 D10
3809 E11
3810 D6
3811 D6
3812 E9
4800 F10
4801 F11
5800 D9
5801 E12
5803 E11
5804 H6
5805 H7
6801 E9
7800 B13
7801 E7
7802 B13
7803 E7
9802 F10
9803 G10
9804 G10
9805 G10
F213 F2
F214 E2
F215 E2
I001 A14
I002 A13
I003 A13
I004 A13
I005 A12
I006 A12
I007 B11
I008 B11
I009 D11
I010 B11
I011 B11
I012 B11
I013 B11
I014 D4
I015 D2
I016 D2
I017 D2
I018 E2
I019 E2
I020 E2
I021 E2
I022 F2
I023 E3
I024 D4
I025 E4
I026 E3
I027 F2
I028 E4
I029 E4
I030 F4
I031 G3
I032 G3
I033 F2
I034 G2
I035 G2
I036 G2
I037 G2
I038 H2

Sound Feature Board (SFD)



	Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

1900 D9	3662 E2	I021 C3	
1901 B9	3663 F1	I022 B3	
1903 A5	3664 F1	I023 B2	
1909 A9	3665 A5	I024 B3	
2609 E1	3666 A5	I025 A4	
2610 D3	3667 B5	I026 A1	
2611 D1	3668 C6	I027 A2	
2612 D3	3669 B6	I028 A1	
2613 D2	3670 B6	I029 B2	
2614 C3	3671 C5	I030 C1	
2617 E6	3672 B5	I031 B1	
2618 D7	3673 B5	I032 B1	
2619 B1	3674 B5	I033 B1	
2620 B1	3675 E8	I034 B1	
2621 A4	3676 D8	I035 B1	
2622 A3	3677 C6	I036 A2	
2623 B2	3678 C6	I037 C3	
2624 B3	3679 D6	I038 C3	
2625 B3	4000 B8	I039 C1	
2627 E5	4001 C8	I040 D2	
2628 E5	4002 C5	I041 D3	
2629 B6	4003 B4	I042 D4	
2630 A6	4004 A4	I043 E3	
2631 C5	4005 E8	I044 D2	
2632 A8	4006 C2	I045 D2	
2633 E4	4007 F5	I046 D2	
2634 A2	4008 F5	I047 D1	
2635 D8	4009 F6	I048 D1	
2636 D7	4010 F7	I049 E1	
2637 D9	4011 C6	I050 E2	
2638 C5	4012 B5	I051 E2	
2639 C6	4013 B6	I052 E1	
2640 A4	4014 C9	I053 F1	
3616 E1	6000 A5	I054 F1	
3617 F1	6001 A6	I055 F1	
3618 E1	6002 A6	I056 F2	
3619 F2	7602 F2	I057 F3	
3620 F3	7603 E2	I058 F3	
3621 E3	7604 E2	I059 E4	
3622 E4	7605 E3	I060 E5	
3623 E4	7606 D3	I061 D5	
3624 D4	7607 E4	I062 D5	
3625 D3	7608 E1	I063 E5	
3626 D3	7609 C3	I064 D6	
3627 D2	7610 C2	I065 D6	
3628 D1	7611 B1	I066 E6	
3629 D1	7653-A C2	I067 D7	
3630 D2	7653-B A2	I068 D8	
3631 D2	7653-C E5	I069 D8	
3632 D2	7653-D E7	I070 F9	
3633 C3	7655 F1	I071 E9	
3634 C3	7656 F3	I072 E9	
3635 D4	7657 B6	I073 D3	
3637 E6	7658-A C7	I074 D7	
3638 D6	7658-B D8	I075 F1	
3639 D7	7658-C A7	I076 A8	
3640 E7	7660 B5	I077 D8	
3641 B1	7661 D5	I078 A9	
3642 B1	I001 A9		
3643 B1	I002 B6		
3644 B2	I003 B8		
3645 A1	I004 B8		
3646 A1	I005 B6		
3647 B3	I006 B6		
3648 B2	I007 B6		
3649 C1	I008 A6		
3650 B2	I009 A6		
3651 B3	I010 A6		
3652 B3	I011 A5		
3653 B4	I012 A5		
3654 C4	I013 A5		
3655 D5	I014 C5		
3656 D6	I015 B5		
3657 E5	I016 B5		
3658 E6	I017 C5		
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3660 F4	I019 B5		
3661 C1	I020 C4		

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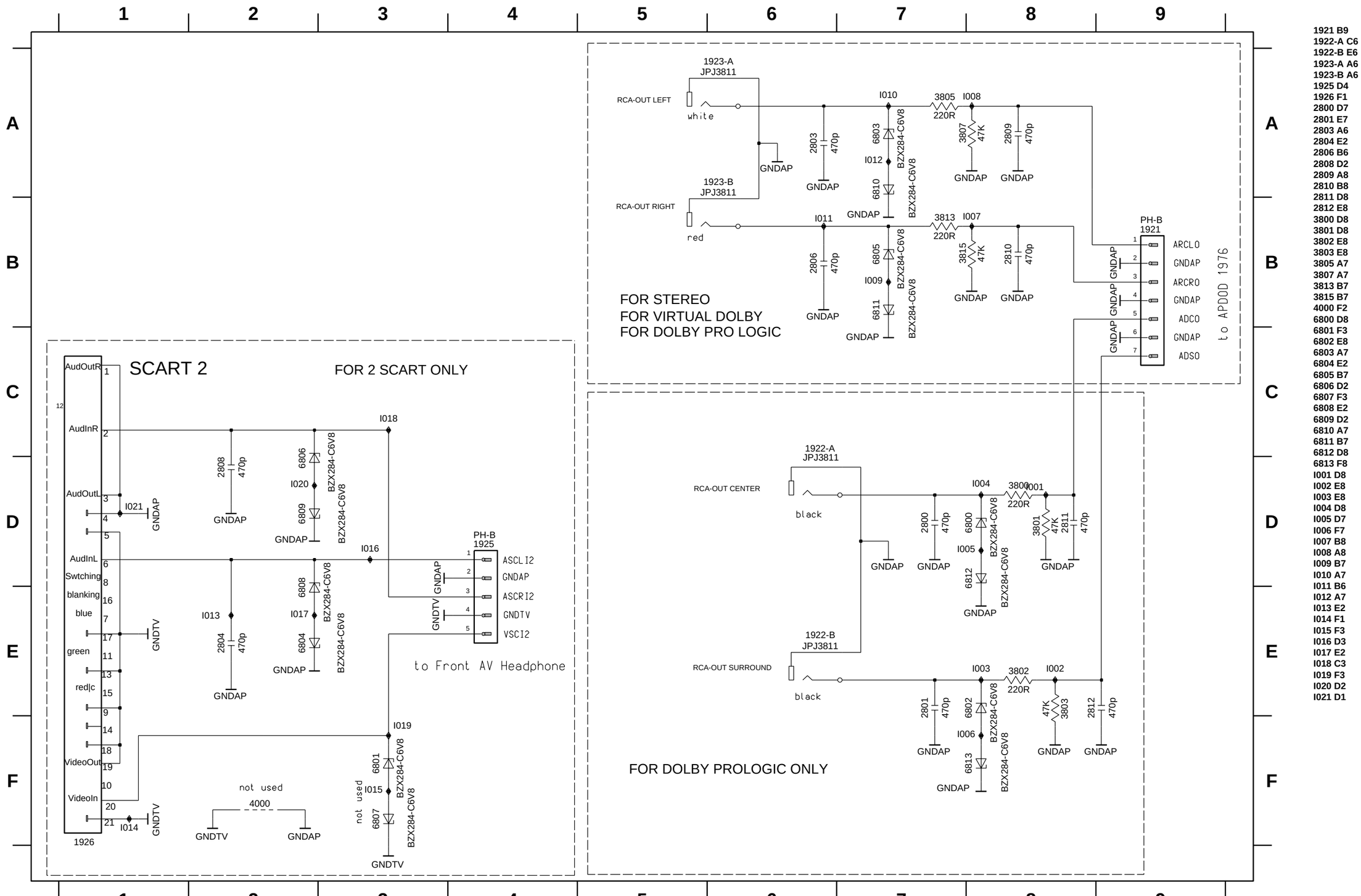
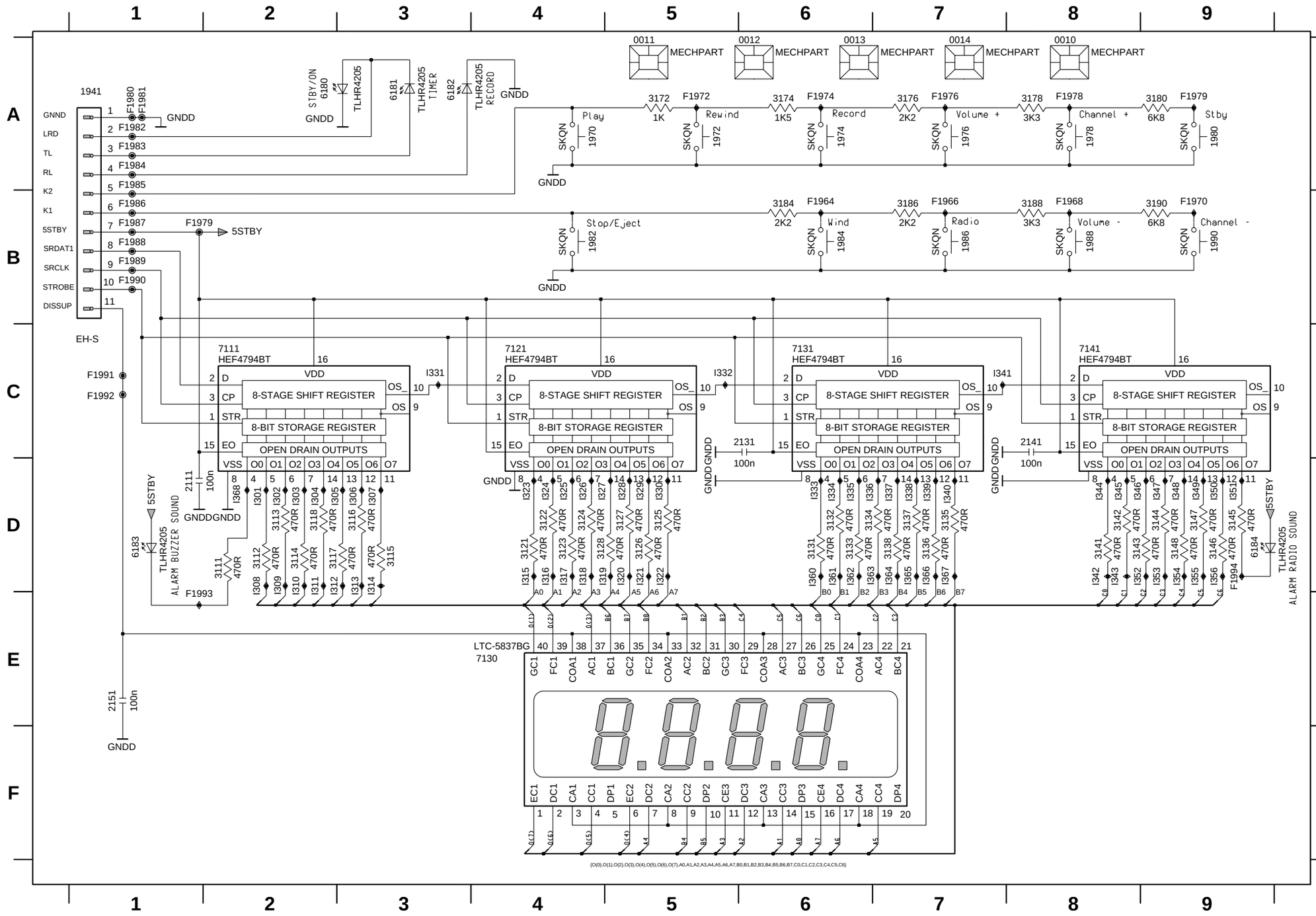
Cinch Out, Scart 2 Board (DOSCD)



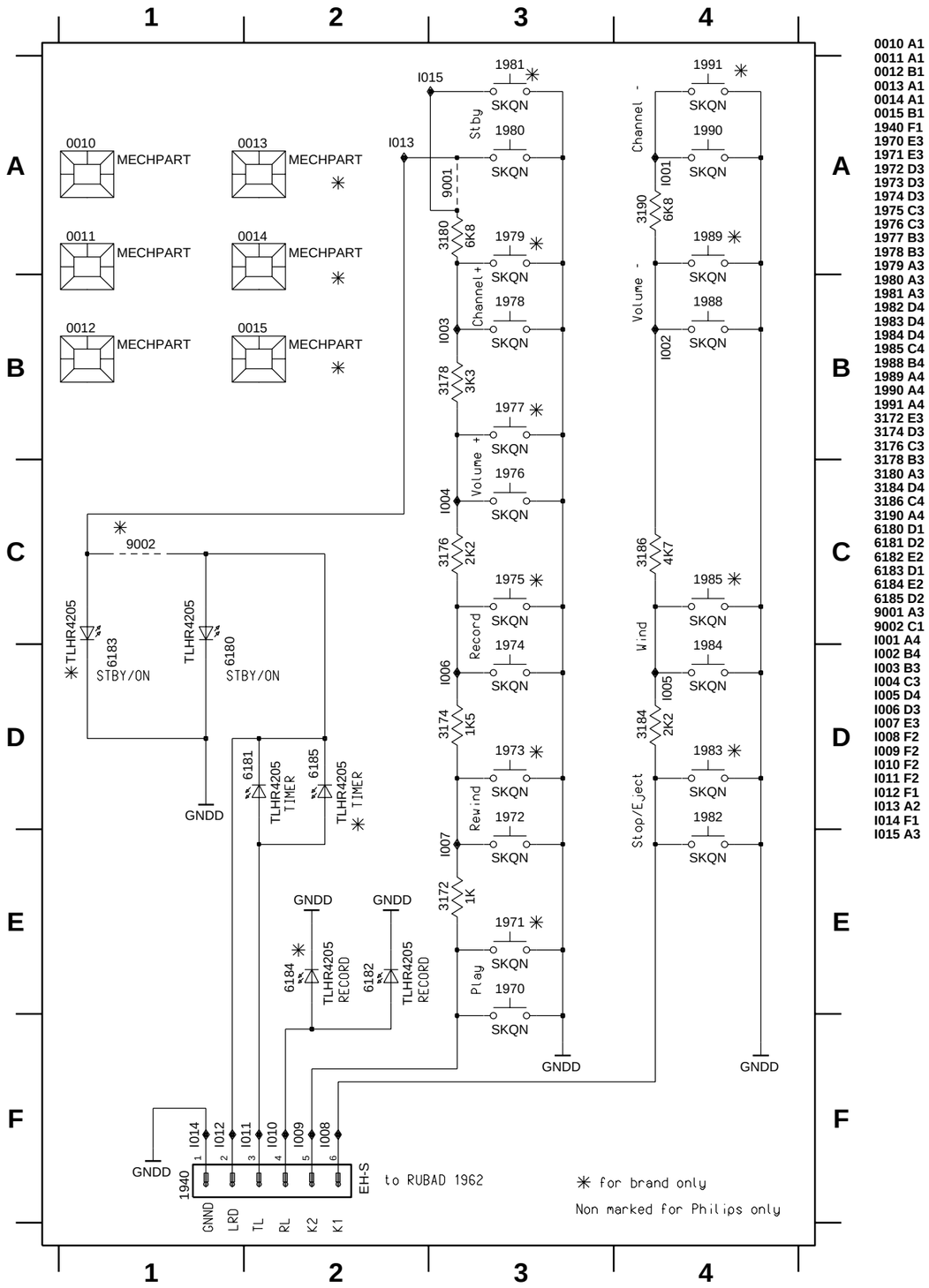
Keys & Display Board (KB1D)



	Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0010 A8 **F1972** A5 **I356** D9
0011 A5 **F1974** A6 **I360** D6
0012 A6 **F1976** A7 **I361** D6
0013 A6 **F1978** A8 **I362** D6
0014 A7 **F1979** B1 **I363** D6
1941 A1 **F1979** A9 **I364** D7
1970 A4 **F1980** A1 **I365** D7
1972 A5 **F1981** A1 **I366** D7
1974 A6 **F1982** A1 **I367** D7
1976 A7 **F1983** A1 **I368** D2
1978 A8 **F1984** A1
1980 A9 **F1985** A1
1982 B4 **F1986** B1
1984 B6 **F1987** B1
1986 B7 **F1988** B1
1988 B8 **F1989** B1
1990 B9 **F1990** B1
2111 D1 **F1991** C1
2131 C6 **F1992** C1
2141 C8 **F1993** E1
2151 E1 **F1994** D9
3111 D2 **I301** D2
3112 D2 **I302** D2
3113 D2 **I303** D2
3114 D2 **I304** D2
3115 D3 **I305** D2
3116 D3 **I306** D3
3117 D2 **I307** D3
3118 D2 **I308** D2
3121 D4 **I309** D2
3122 D4 **I310** D2
3123 D4 **I311** D2
3124 D4 **I312** D2
3125 D5 **I313** D3
3126 D5 **I314** D3
3127 D5 **I315** D4
3128 D4 **I316** D4
3131 D6 **I317** D4
3132 D6 **I318** D4
3133 D6 **I319** D4
3134 D6 **I320** D5
3135 D7 **I321** D5
3136 D7 **I322** D5
3137 D7 **I323** D4
3138 D7 **I324** D4
3141 D8 **I325** D4
3142 D8 **I326** D4
3143 D8 **I327** D4
3144 D9 **I328** D5
3145 D9 **I329** D5
3146 D9 **I330** D5
3147 D9 **I331** C3
3148 D9 **I332** C5
3172 A5 **I333** D6
3174 A6 **I334** D6
3176 A7 **I335** D6
3178 A8 **I336** D6
3180 A9 **I337** D7
3184 B6 **I338** D7
3186 B7 **I339** D7
3188 B8 **I340** D7
3190 B9 **I341** C7
6180 A2 **I342** D8
6181 A3 **I343** D8
6182 A3 **I344** D8
6183 D1 **I345** D8
6184 D9 **I346** D8
7111 C2 **I347** D9
7121 C4 **I348** D9
7130 E4 **I349** D9
7131 C6 **I350** D9
7141 C8 **I351** D9
F1964 B6 **I352** D8
F1966 B7 **I353** D9
F1968 B8 **I354** D9
F1970 B9 **I355** D9

Key Board (KB2D)



0010 A1
0011 A1
0012 B1
0013 A1
0014 A1
0015 B1
1940 F1
1970 E3
1971 E3
1972 D3
1973 D3
1974 D3
1975 C3
1976 C3
1977 B3
1978 B3
1979 A3
1980 A3
1981 A3
1982 D4
1983 D4
1984 D4
1985 C4
1988 B4
1989 A4
1990 A4
1991 A4
3172 E3
3174 D3
3176 C3
3178 B3
3180 A3
3184 D4
3186 C4
3190 A4
6180 D1
6181 D2
6182 E2
6183 D1
6184 E2
6185 D2
9001 A3
9002 C1
I001 A4
I002 B4
I003 B3
I004 C3
I005 D4
I006 D3
I007 E3
I008 F2
I009 F2
I010 F2
I011 F2
I012 F1
I013 A2
I014 F1
I015 A3

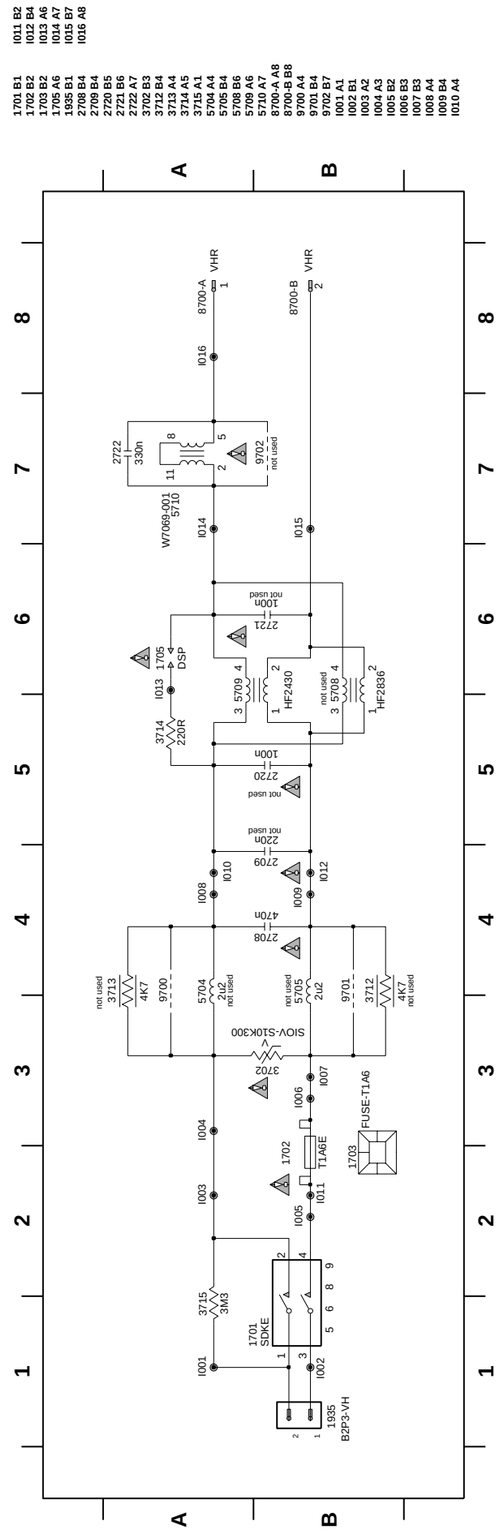
Interconnections

Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

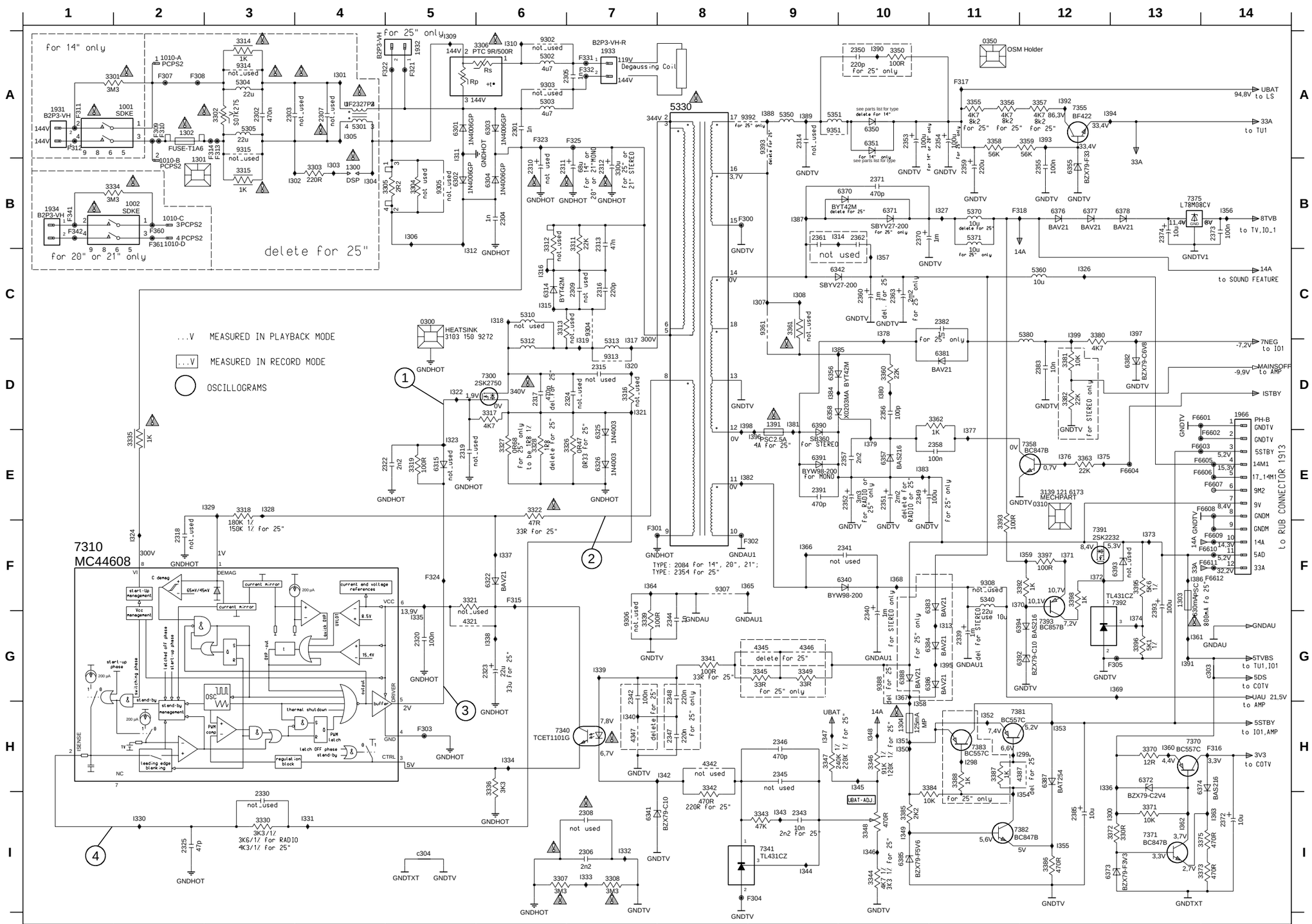
3-34

Mainsfilter Board (MFSWD)

1701 B1
1702 B2
1703 B2
1705 A6
1935 B1
2708 B4
2709 B4
2720 B5
2721 B6
2722 A7
3702 B3
3712 B4
3713 A4
3714 A5
3715 A1
5704 A4
5705 B4
5708 B6
5709 A6
5710 A7
8700-A A8
8700-B B8
9700 A4
9701 B4
9702 B7
I001 A1
I002 B1
I003 A2
I004 A3
I005 B2
I006 B3
I007 B3
I008 A4
I009 B4
I010 A4
I011 B2
I012 B4
I013 A6
I014 A7
I015 B7
I016 A8



Power Supply (PS) - TV Board (TVB)

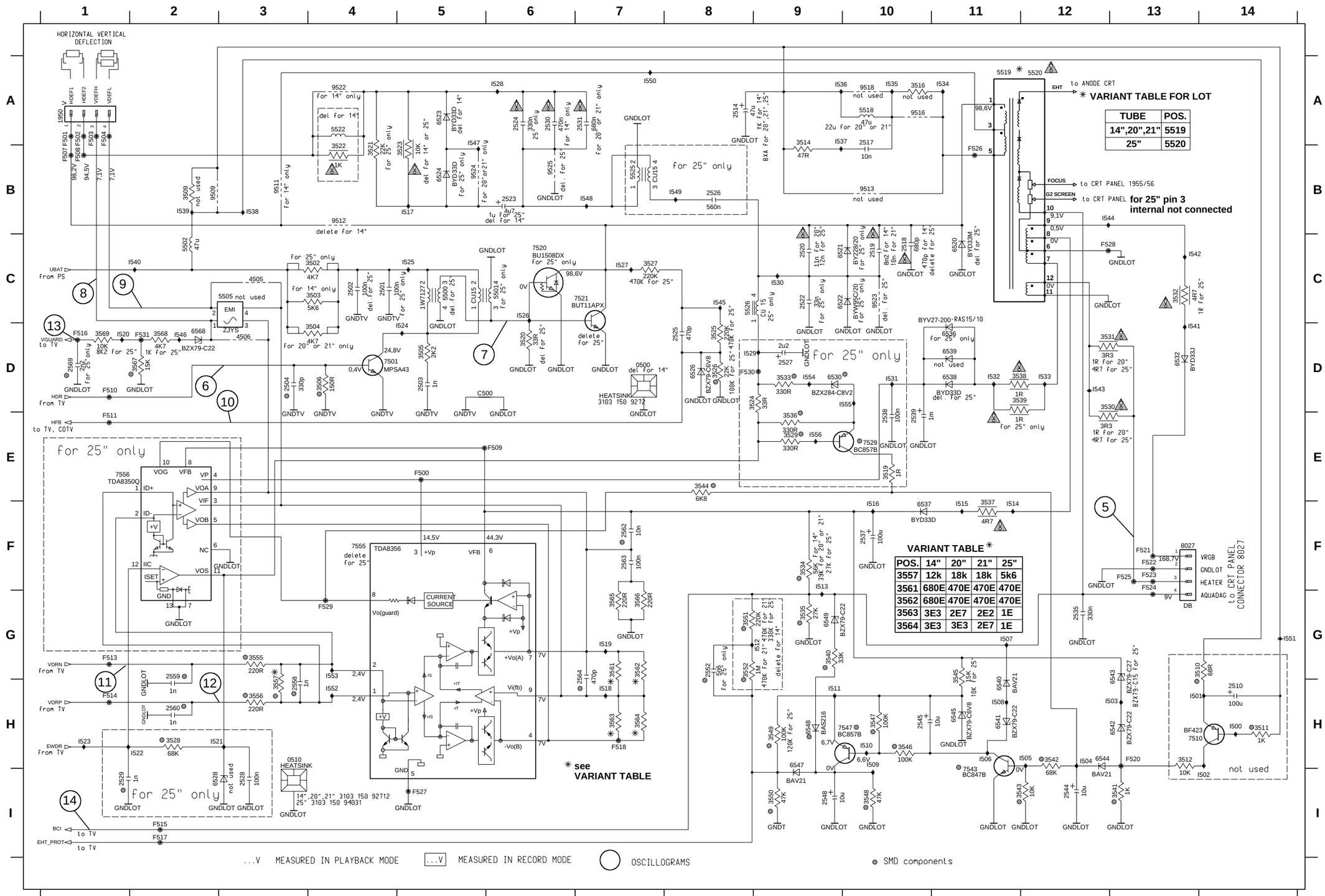


	Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

0300 C5
0310 E12
0350 A9
1001 A2
1002 B2
1010-A A2
1010-B B2
1010-C B2
1010-D B2
1300 B4
1301 B2
1302 A2
1303 F13
1304 H10
1391 D9
1931 A1
1932 A5
1933 A7
1934 B1
1966 D14
2301 A6
2302 A3
2303 A3
2304 B6
2305 A7
2306 I7
2307 A4
2308 I7
2309 C7
2310 B6
2311 B6
2312 B7
2313 B7
2314 A9
2315 D7
2316 C7
2317 D6
2318 F2
2319 E5
2320 G5
2322 E5
2323 G6
2324 D7
2325 I2
2330 I3
2339 G11
2340 G10
2341 F10
2342 G7
2343 I9
2344 G8
2345 H9
2346 H9
2347 H8
2348 G8
2349 E10
2350 A10
2351 E10
2352 E10
2353 A10
2354 A11
2355 B12
2356 D10
2357 E10
2358 E11
2359 B11
2360 C10
2361 B9
2362 B10
2363 C10
2370 B10
2371 B10
2372 I14
2373 B14
2374 B13
2382 C11
2383 D12
2385 I12
2391 E9
2393 F13
3301 A1
3302 A3
3303 B4
3304 B5
3305 B5
3306 A5
3307 I6
3308 I7
3311 B7
3312 B6
3313 C6
3314 A3
3315 B3
3316 D7
3317 D6
3318 E3
3319 E5
3321 F5
3322 E6
3326 E7
3327 E6
3328 E6
3330 I3
3334 B1
3335 E2
3336 H6
3339 G7
3341 G8
3342 H8
3343 I9
3344 I10
3345 G9
3346 H10
3347 H9
3348 I10
3349 G9
3350 A10
3355 A11
3356 A11
3357 A12
3358 A11
3359 A12
3360 D10
3361 C9
3362 D11
3363 E12
3370 B13
3371 I13
3372 I13
3373 I14
3375 I14
3380 C12
3381 D12
3382 D12
3384 H11
3385 I10
3386 I12
3387 H11
3388 H11
3392 F12
3393 F11
3395 F13
3396 G13
3397 F12
3398 F12
4321 G5
4342 H8
4345 G9
4346 G9
4347 H7
4387 H12
5301 A4
5302 A6
5303 A6
5304 A3
5305 A3
5310 C6
5312 D6
5313 D7
5330 A8
5340 F11
5350 A9
5351 A10
5360 C12
5370 B11
5371 B11
5380 C12
6301 A5
6302 B5
6303 A6
6304 B6
6314 C6
6315 E5
6322 F6
6325 E7
6326 E7
6340 F10
6341 I7
6342 C9
6350 A10
6355 B12
6356 D9
6357 E10
6358 D9
6370 B10
6371 B10
6372 H13
6373 I12
6374 H14
6376 B12
6377 B12
6378 B13
6381 D11
6382 D13
6383 F11
6384 G11
6385 I10
6386 G11
6387 H12
6388 G10
6390 D9
6391 E9
6392 G12
6393 F13
6394 G12
7300 D6
7310 F1
7340 H7
7341 I9
7355 A12
7358 E12
7370 H13
7371 I13
7375 B13
7381 H12
7382 I11
7383 H11
7391 F12
7392 F13
7393 G12
9302 A6
9303 A6
9304 C7
9305 B5
9306 G7
9307 F8
9308 F11
9313 D7
9314 A3
9315 A3
9351 A10
9361 C9
9388 G10
9392 A9
9393 A9
F300 B8
F301 F7
F302 F9
F303 H5
F304 I9
F305 G13
F307 A2
F308 A2
F309 A2
F310 A2
F311 A1
F312 A1
F313 A3
F314 A3
F315 F6
F316 H14
F317 A11
F318 B11
F321 A5
F322 A5
F323 A6
F324 F5
F325 A7
F331 A7
F332 A7
F341 B1
F342 B1
F360 B2
F361 B2
F6601 D14
F6602 E14
F6603 E13
F6604 E13
F6605 E14
F6606 E14
F6607 E14
F6608 E14
F6609 F14
F6610 F14
F6611 F14
F6612 F14
I298 H11
I299 H12
I300 I12
I301 A4
I302 B3
I303 B4
I304 B4
I305 A4
I306 B5
I307 C9
I308 C9
I309 A5
I310 A6
I311 A5
I312 C5
I313 G11
I314 B9
I315 C6
I316 C6
I317 D7
I318 C6
I319 D7
I320 D7
I321 D7
I322 D5
I323 E5
I324 F2
I326 C12
I327 B11
I328 E3
I329 E3
I330 I2
I331 I4
I332 I7
I333 I7
I334 H6
I335 G5
I336 H12
I337 F6
I338 G6
I339 G7
I340 H7
I342 H8
I343 I9
I344 I9
I345 H10
I346 I10
I347 H9
I348 H10
I349 I10
I350 H10
I351 H10
I352 H11
I353 H12
I354 I12
I355 I12
I356 B14
I357 C10
I358 H10
I359 F12
I361 G13
I362 I13
I363 I14
I364 F7
I365 F8
I366 F9
I367 G10
I368 F10
I369 G13
I370 F11
I371 F12
I372 F12
I373 F13
I374 G13
I375 E12
I376 E12
I377 E11
I378 C10
I379 E10
I380 D10
I381 D9
I382 E8
I383 E10
I384 D9
I385 D9
I386 F13
I387 B9
I388 A9
I389 A9
I390 A10
I391 G13
I392 A12
I393 A12
I394 A12
I395 G11
I396 E9
I397 C13
I398 D8
I399 C12
c303 G14
c304 I5

3-8

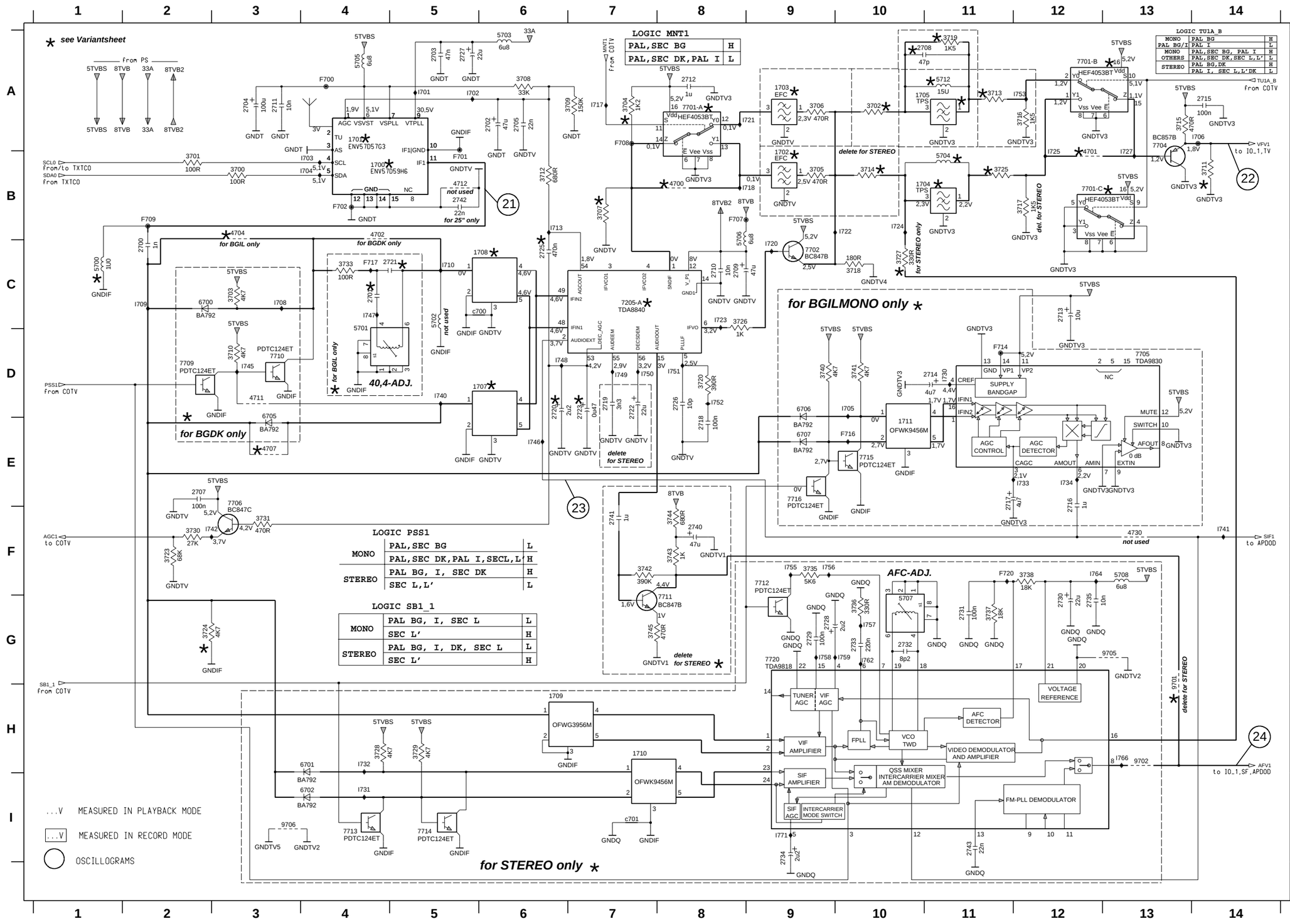
Deflection (LS) - TV Board (TVB)



0500 D7	7520 C6
0510 H3	7521 C7
1950 A1	7529 E10
2501 C4	7543 I11
2502 C4	7547 H10
2503 D5	7555 F4
2504 D3	7556 E1
2510 H14	8027 F13
2514 A8	9509 B2
2517 A10	9511 B3
2518 C10	9512 B4
2519 C10	9513 B10
2520 C9	9516 A10
2522 C9	9518 A10
2523 B6	9522 A4
2524 A6	9523 C10
2525 D8	9524 B5
2526 B8	9525 B6
2527 D9	C500 D5
2528 I3	F500 E5
2529 I1	F501 A1
2530 A6	F502 A1
2531 A7	F503 A1
2535 G12	F504 A1
2537 F10	F507 B1
2538 E10	F508 B1
2539 E10	F509 E6
2544 I12	F510 D1
2545 H10	F511 E1
2548 I9	F513 G1
2552 G8	F514 H1
2558 H3	F515 I2
2559 G2	F516 D1
2560 H2	F517 I2
2562 F7	F518 H7
2563 F7	F520 H13
2564 G7	F521 F13
2569 D1	F522 F13
3502 C4	F523 F13
3503 C4	F524 F13
3504 D4	F525 F13
3505 D5	F526 B11
3506 D4	F527 I5
3509 B2	F528 C12
3510 G14	F529 G4
3511 H14	F530 D8
3512 H13	F531 D2
3514 A9	I500 H14
3516 A10	I501 H13
3519 E10	I502 I14
3520 D6	I503 H13
3521 B4	I504 H12
3522 B4	I505 H12
3523 B5	I506 H11
3524 D9	I507 G11
3525 D8	I508 H11
3526 D8	I509 H10
3527 C7	I510 H10
3528 H2	I511 H9
3529 E9	I512 G9
3530 D12	I513 F9
3531 D12	I514 F11
3532 C13	I515 F11
3533 D9	I516 F10
3534 F9	I517 B5
3535 G9	I518 H7
3536 E9	I519 G7
3537 F11	I520 D1
3538 D11	I521 H2
3539 D11	I522 H2
3540 G9	I523 H1
3541 I13	I524 D5
3542 H12	I525 C5
3543 I12	I526 C6
3544 E8	I527 C7
3545 G11	I528 A6
3546 H10	I529 D8
3547 H10	I530 C9
3548 I10	I531 D10
3549 H9	I532 D11
3550 I9	I533 D12
3551 G8	I534 A11
3552 G8	I535 A10
3555 G3	I536 A9
3556 H3	I537 A9
3557 H3	I538 B3
3561 G7	I539 B2
3562 G7	I540 C2
3563 H7	I541 D13
3564 H7	I542 C13
3565 G7	I543 D12
3566 G7	I544 B12
3567 D2	I545 C8
3568 D2	I546 D2
3569 D1	I547 A5
4505 C3	I548 B7
4506 D3	I549 B8
5500 C5	I550 A7
5501 C6	I551 G14
5502 C2	I552 H4
5505 C2	I553 G4
5518 A10	I554 D9
5519 A11	I555 D10
5520 A12	I556 E9
5522 A4	
5525 B7	
5526 C8	
6520 C11	
6521 C9	
6522 C9	
6523 A5	
6524 B5	
6526 D8	
6528 I2	
6530 D9	
6532 D13	
6536 D11	
6537 F10	
6538 D11	
6539 D11	
6540 H11	
6541 H11	
6542 H13	
6543 G13	
6544 H12	
6545 H11	
6547 H9	
6548 H9	
6549 G9	
6568 D2	
7501 D4	
7510 H14	

Interconnections														
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

Tuner 1 (TU1) - TV Board (TVB)

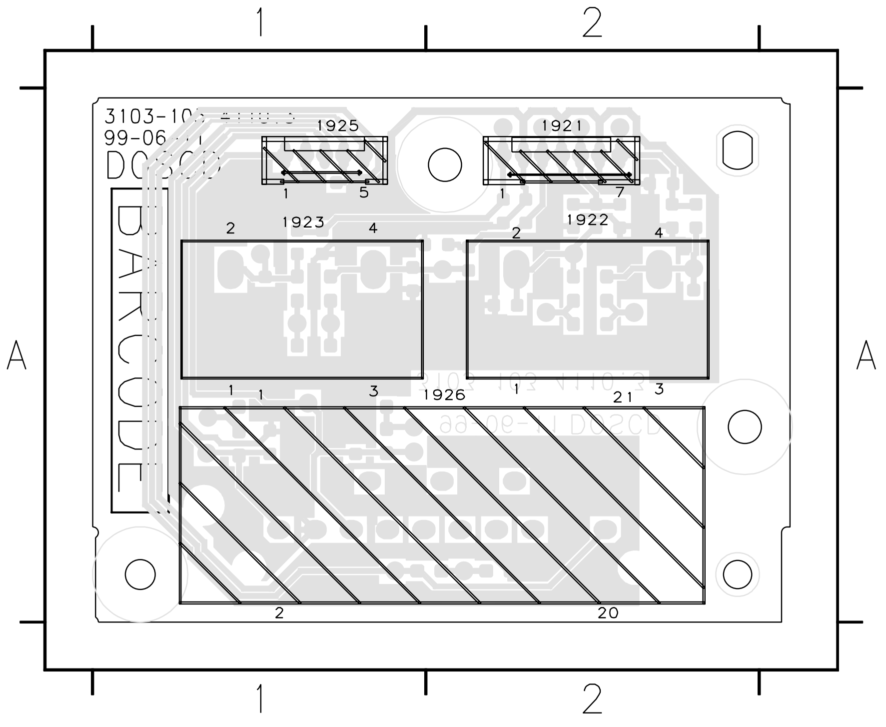


Interconnections															
Circuit	ACO	AF	AF2	AIO1	AIO2	AL	AMP	AP	COTV	CVB	DE	DOSCD	HA	HPAV	IO_1
page	3-29	3-22	3-30	3-16	3-17	3-23	3-13	3-21	3-14	3-19	3-18	3-32	3-26	3-27	3-11
Circuit	KB1D	KB2D	LS	MFSWD	PS (RUB)	PS (TVB)	PT	SF	SFD	TU1	TU2	TV	VS	VSEC	
page	3-33	3-34	3-8	3-34	3-15	3-7	3-28	3-12	3-31	3-9	3-20	3-10	3-24	3-25	

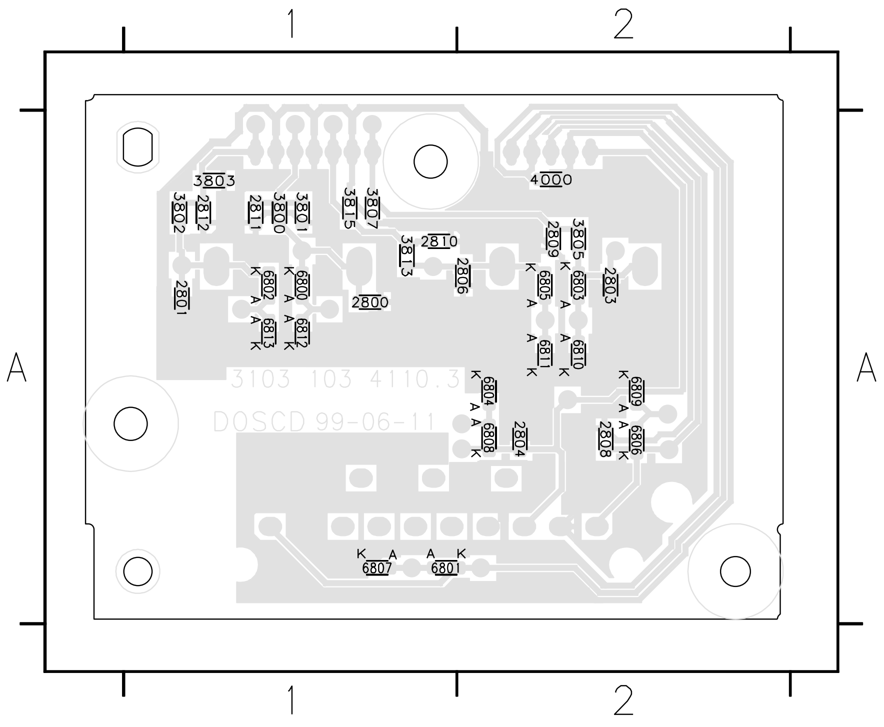
1700 B4
1701 A4
1702 B9
1703 A9
1704 B10
1705 A10
1707 D5
1708 C5
1709 H6
1710 H7
1711 E10
2700 C2
2701 C4
2702 A6
2703 A5
2704 A3
2705 A6
2707 E2
2708 A10
2709 C8
2710 C8
2711 A3
2712 A8
2713 C12
2714 D11
2715 A14
2716 E12
2717 E11
2718 E8
2719 D7
2720 D6
2721 C5
2722 D7
2723 D7
2725 C6
2726 D8
2727 A5
2728 G9
2729 G9
2730 G12
2731 G11
2732 G10
2733 G10
2734 I9
2735 G12
2740 F8
2741 F7
2742 B5
2743 I11
3700 B3
3701 B2
3702 A10
3703 C3
3704 A7
3705 B9
3706 A9
3707 B7
3708 A6
3709 A7
3710 D3
3711 B14
3712 B6
3713 A11
3714 B10
3715 A13
3716 A12
3717 B12
3718 C10
3719 A11
3720 D8
3723 F2
3724 G2
3725 B11
3726 C8
3727 C10
3728 H4
3729 H5
3730 F2
3731 F3
3733 C4
3735 F9
3736 G10
3737 G11
3738 F12
3740 D9
3741 D10
3742 F7
3743 F8
3744 F8
3745 G7
4700 B8
4701 B12
4702 B4
4704 B3
4707 E3
4711 D3
4712 B5
4730 F13
5700 C1
5701 C4
5702 C5
5703 A6
5704 B11
5705 A4
5706 B8
5707 G10
5708 F13
5712 A11
6700 C2
6701 H4
6702 I4
6705 E3
6706 D9
6707 E9
7205-A C7
7701-A A8
7701-B A12
7701-C B12
7702 C9
7704 A13
7705 D13
7706 E3
7709 D2
7710 D3
7711 G8
7712 F9
7713 I4
7714 I5
7715 E10
7716 E9
7720 G9
9701 G13
9702 H13
9705 G13
9706 I3
F700 A4
F701 B5
F702 B4
F707 B8
F708 A7
F709 B2
F714 D11
F716 E10
F717 C4
F720 F11
I701 A5
I702 A5
I703 B4
I704 B4
I705 D10
I706 A14
I708 C3
I709 C2
I710 C5
I713 B6
I717 A7
I718 B9
I720 C9
I721 A9
I722 B10
I723 C8
I724 B10
I725 B12
I727 B13
I730 D11
I731 I4
I732 H4
I733 E12
I734 E12
I740 D5
I741 F14
I746 E6
I747 C4
I748 D6
I749 D7
I750 D7
I751 D8
I752 D8
I753 A12
I755 F9
I756 F9
I757 G10
I758 G9
I759 G10
I762 G10
I764 F12
I766 H13
I771 I9
c700 C6
c701 I7

4-12

Cinch Out, Scart 2 Board (DOSCD)

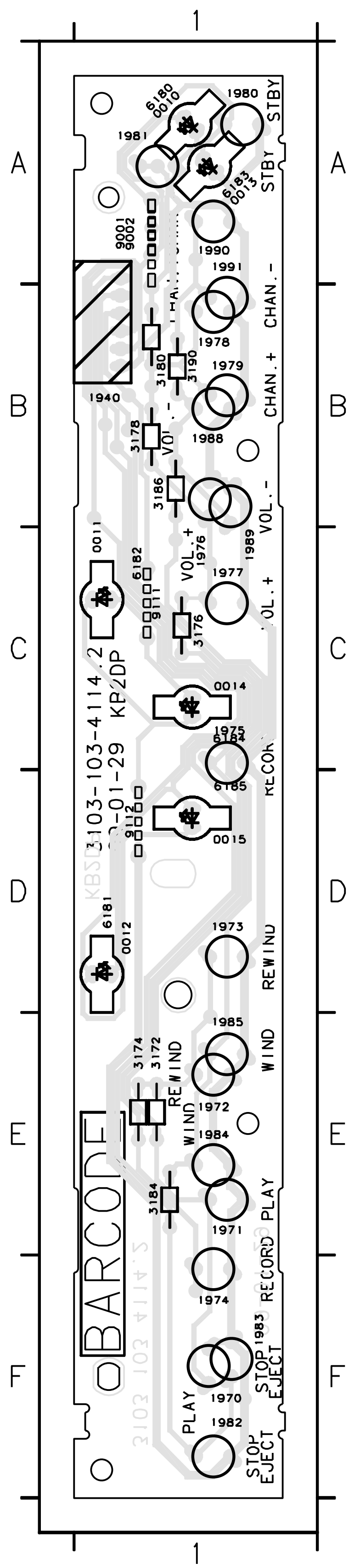


1921	A2
1922	A2
1923	A1
1925	A1
1926	A2



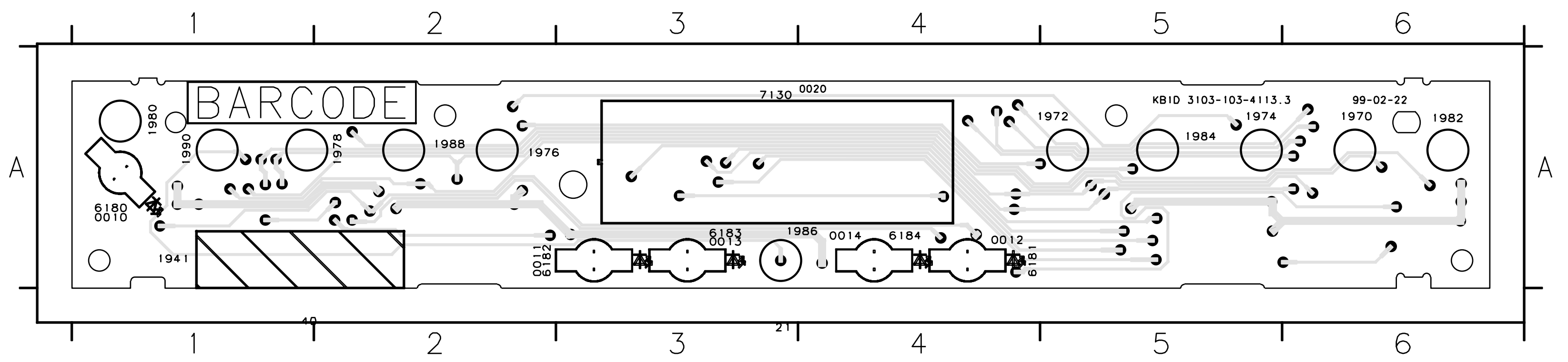
2800	A1
2801	A1
2803	A2
2804	A2
2806	A2
2808	A2
2809	A2
2810	A1
2811	A1
2812	A1
3800	A1
3801	A1
3802	A1
3803	A1
3805	A2
3807	A1
3813	A1
3815	A1
4000	A2
6800	A1
6801	A1
6802	A1
6803	A2
6804	A2
6805	A2
6806	A2
6807	A1
6808	A2
6809	A2
6810	A2
6811	A2
6812	A1
6813	A1

Key Board (KB2D)

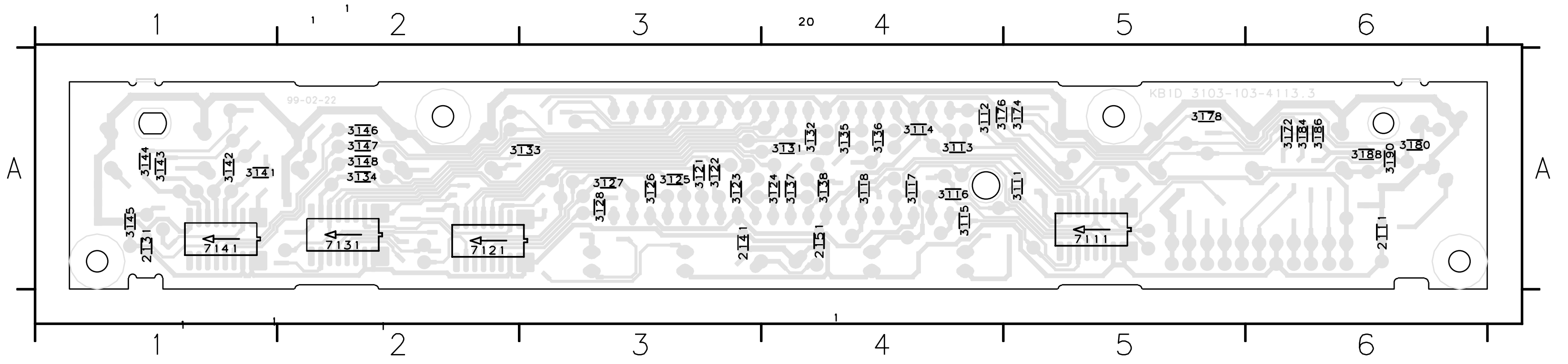


0010	A1
0011	C1
0012	D1
0013	A1
0014	C1
0015	D1
1940	B1
1970	F1
1971	E1
1972	E1
1973	D1
1974	E1
1975	C1
1976	C1
1977	C1
1978	B1
1979	B1
1980	A1
1981	A1
1982	F1
1983	F1
1984	E1
1985	E1
1988	B1
1989	C1
1990	A1
1991	A1
3172	D1
3174	E1
3176	C1
3178	B1
3180	A1
3184	E1
3186	E1
3190	B1
6180	A1
6181	D1
6182	C1
6183	A1
6184	C1
6185	D1
9111	A1

Keys & Display Board (KB1D)

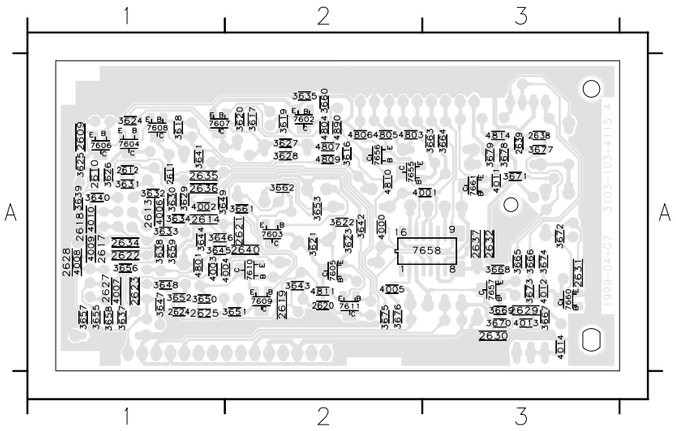


0010	A1
0011	A3
0012	A4
0013	A3
0014	A4
1941	A1
1970	A6
1972	A5
1974	A5
1976	A2
1978	A2
1980	A1
1982	A6
1984	A5
1986	A4
1988	A2
1990	A1
6180	A1
6181	A4
6182	A3
6183	A3
6184	A4
7130	A3

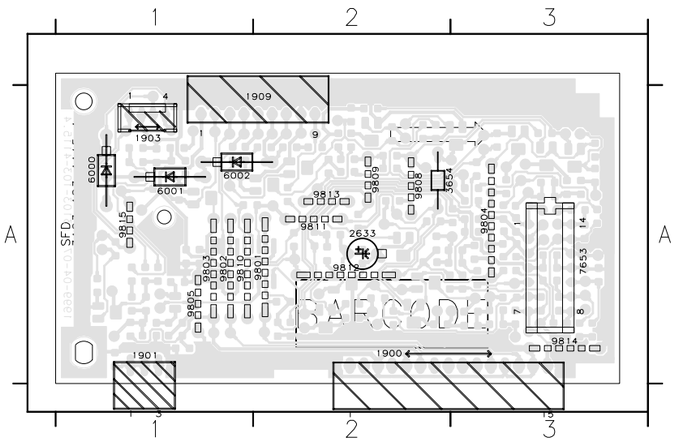


2111	A6	3136	A4
2131	A1	3137	A4
2141	A3	3138	A4
2151	A4	3141	A2
3111	A5	3142	A1
3112	A5	3143	A1
3113	A4	3144	A1
3114	A4	3145	A1
3115	A4	3146	A2
3116	A4	3147	A2
3117	A4	3148	A2
3118	A4	3172	A6
3121	A3	3174	A5
3122	A3	3176	A4
3123	A3	3178	A5
3124	A3	3180	A6
3125	A3	3184	A6
3126	A3	3186	A6
3127	A3	3188	A6
3128	A3	3190	A6
3131	A4	7111	A5
3132	A4	7121	A2
3133	A3	7131	A2
3134	A2	7141	A1
3135	A4		

Sound Feature Board (SFD)

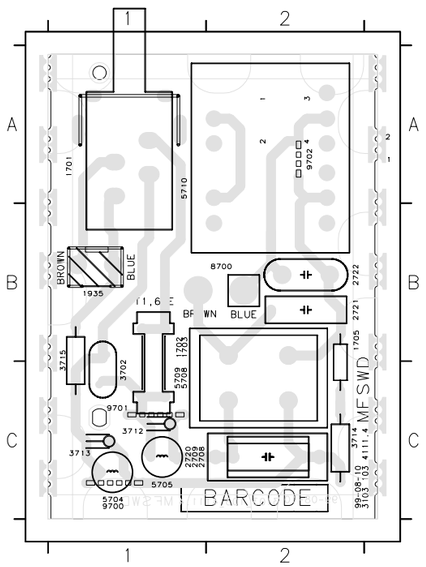


2609 A1 3626 A1 3666 A3 4814 A3
2610 A1 3627 A2 3667 A3 4890 A2
2611 A1 3628 A2 3668 A3 7602 A2
2612 A1 3629 A1 3669 A3 7603 A2
2613 A1 3630 A1 3670 A3 7604 A1
2614 A1 3631 A1 3671 A3 7605 A2
2617 A1 3632 A1 3672 A3 7606 A1
2618 A1 3633 A1 3673 A3 7607 A1
2619 A2 3634 A1 3674 A3 7608 A1
2620 A2 3635 A2 3675 A2 7609 A2
2621 A2 3637 A1 3676 A2 7610 A2
2622 A1 3638 A1 3677 A3 7611 A2
2623 A1 3639 A1 3678 A3 7655 A3
2624 A1 3640 A1 3679 A3 7656 A2
2625 A1 3641 A1 4000 A2 7657 A3
2626 A1 3642 A2 4001 A3 7658 A3
2628 A1 3643 A2 4002 A1 7660 A3
2629 A3 3644 A1 4003 A1 7661 A3
2630 A3 3645 A1 4004 A2
2631 A3 3646 A1 4005 A2
2632 A3 3647 A1 4006 A1
2634 A1 3648 A1 4007 A1
2635 A1 3649 A1 4008 A1
2636 A1 3650 A1 4009 A1
2637 A3 3651 A2 4010 A1
2638 A3 3652 A1 4011 A3
2639 A3 3654 A2 4012 A3
2640 A2 3655 A1 4013 A3
3616 A2 3656 A1 4014 A3
3617 A1 3658 A1 4801 A1
3618 A1 3659 A1 4803 A2
3619 A2 3660 A2 4804 A2
3620 A2 3661 A2 4805 A2
3621 A1 3662 A2 4806 A2
3622 A2 3663 A3 4807 A2
3623 A2 3664 A3 4809 A2
3624 A1 3665 A3 4810 A2
3625 A1 4811 A2



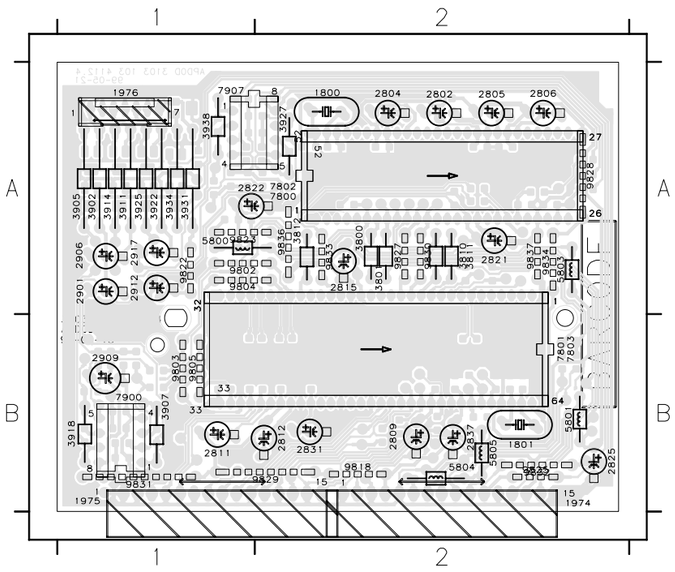
1900 A2
1901 A1
1903 A1
1909 A2
3654 A2
6000 A1
6001 A1
6002 A1
7653 A3
9801 A2
9802 A1
9803 A1
9804 A3
9805 A1
9808 A2
9809 A2
9810 A1
9811 A2
9812 A2
9813 A2
9814 A3

Mains Filter Board (MFSWD)

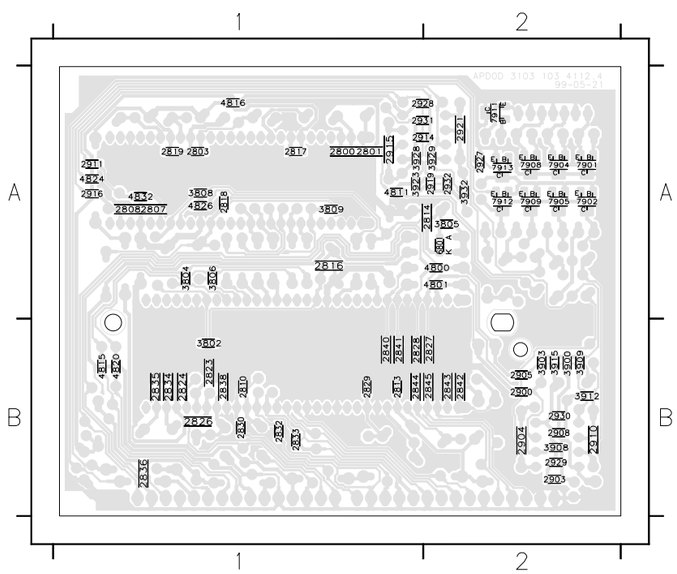


1701 A1
1702 C1
1703 C1
1705 C2
1935 B1
2708 C2
2709 C2
2720 C2
2721 B2
2722 B2
3702 C1
3712 C1
3713 C1
3714 C2
3715 B1
5704 C1
5705 C2
5708 C2
5709 C2
5710 A2
8700 B2
9700 C1
9701 C1
9702 A2

Audio Board (APDOD)



1800 A2 9803 B1
1801 B2 9804 A1
1974 B2 9805 B1
1975 B1 9818 B2
1976 A1 9822 A1
2802 A2 9823 A1
2804 A2 9825 B2
2805 A2 9827 A2
2806 A2 9828 A2
2809 B2 9829 B2
2811 B1 9830 A2
2812 B2 9831 B1
2815 A2 9832 B2
2821 A2 9833 A2
2822 A1 9834 A2
2825 A1 9835 B1
2831 B2 9836 A2
2837 B2 9837 A2
2901 A1
2906 B1
2909 B1
2912 A1
2917 A1
3800 A2
3801 A2
3810 A2
3811 A2
3812 A2
3902 A1
3905 A1
3907 B1
3911 A1
3914 A1
3918 B1
3922 A1
3925 A1
3927 A2
3931 A1
3934 A1
3938 A1
5800 A1
5801 B2
5803 A2
5804 B2
5805 B2
7800 A2
7801 B2
7802 A2
7803 B2
7900 B1
7907 A1
9802 A1



2800 A1 3806 A1
2801 A1 3808 A1
2803 A1 3809 A1
2807 A1 3900 B2
2808 A1 3903 B2
2810 B1 3908 B2
2813 B1 3909 B2
2814 A2 3912 B2
2816 A1 3915 B2
2817 A1 3923 A1
2818 A1 3928 A1
2819 A1 3929 A2
2823 B1 3932 A2
2824 B1 4811 A1
2826 B1 4815 B1
2827 B2 4816 A1
2828 B1 4820 B1
2829 B1 4824 A1
2830 B1 4826 A1
2832 B1 4832 A1
2833 B1 6801 A2
2834 B1 7901 A2
2835 B1 7902 A2
2836 B1 7904 A2
2838 B1 7905 A2
2840 B1 7908 A2
2841 B1 7909 A2
2842 B2 7911 A2
2843 B1 7912 A2
2844 B1 7913 A2
2845 B1 9800 A2
3801 B2 9801 A2
3803 B2
3804 A1
3805 A2